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STATE OF IOWA
1921

DIRECTORY OF

MANUFACTURING ESTABLISHMENTS

BULLETIN NO. 7

UNIVERSITY OF ILLINOIS LIBRARY
JAN 1 1922

Issued by the
Bureau of Labor Statistics
A. L. Urick, Commissioner
John E. Nordskog, Statistician

Published by
THE STATE OF IOWA
Des Moines

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LIST OF BULLETINS ISSUED BY THE BUREAU OF LABOR STATISTICS

Bulletin No. 1—Directory of Manufacturing Establishments, 1919.

Bulletin No. 2—Manufactures Statistics, Year 1919; including Report on Factory Inspection for biennium ending June 30, 1920.

Bulletin No. 3—Arbitration and Conciliation, for biennium ending June 30, 1920.

Bulletin No. 4—Child Labor, for biennium ending June 30, 1920.

Bulletin No. 5—Labor Organizations of Iowa (Trade Union Statistics) for year 1919.

Bulletin No. 6—State Free Employment Service, for biennium ending June 30, 1920.

Bulletin No. 7—Directory of Manufacturing Establishments, 1921.

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IOWA MANUFACTURERS' DIRECTORY.

This is the second Directory of the Manufacturers of Iowa issued by the Bureau of Labor Statistics. The first, issued two years ago, has had greater demand than was expected. The present directory has been compiled very carefully and the list fully revised, in order to furnish as up-to-date information as possible.

The arrangement of the lists and classifications are similar to the preceding directory, with more detail in the second section; first, the firms have been listed alphabetically by cities, giving address and kind of goods manufactured, and for cities and towns their respective population and county, also railroad facilities; second, the names and addresses of firms are listed according to product or industrial classification.

As first listed, there are 649 cities and towns included, with a total of 4,317 factories. We have endeavored to include all factories which employ one or more wage-earners. The United States census for 1914 reports 5,614 manufacturing establishments, but this number includes all plants with an output in excess of $500 and regardless of number of employes.

To indicate the volume of Iowa manufactures, the following table (No. 1 from Statistics of Manufactures issued for biennial period ending December 31, 1919, bulletin No. 2) gives as summary information:

Number of factories which reported for year 1919	3,206
Capital invested in these 3,206 manufacturing establishments	$409,282,755
Value of stocks and materials consumed in manufacturing during year 1919	497,572,107
Total value of products manufactured during 1919	698,035.251
Total amount of wages paid to factory employes	84,980,847
Average number of male wage earners employed in factories during year 1919	63,158
Average number of female wage earners employed in factories during year 1919	12.092
Average number of wage earners, including both sexes	75,250
Total wage earners during week of smallest employment for each plant during 1919	55,080
Total wage earners during week of greatest employment for each plant during 1919	100,048
Percentage of fluctuation from smallest to greatest employment	44.95%

This shows that with an average employment of 75,250 wage-earners in year 1919, with a fluctuation from a minimum of 55,080 to a maximum of 100,048 persons actually employed, that 3,206 Iowa factories produced $698,035,251 of manufactured goods. The table follows complete and gives similar information for 81 separate industrial classifications.

TABLE NO. 1—STATISTICS OF MANUFACTURES 1919.

Number of Establishments, Capital, Product and Wage-Earners, According to Industries, for the State.

Industries	Number of establishments	Capital invested	Value of stock and materials used	Amount of wages paid during the year	Average yearly earnings	Wage-Earners Employed: Average Number: Males	Wage-Earners Employed: Average Number: Females	Wage-Earners Employed: Average Number: Both sexes	Wage-Earners Employed: Smallest number	Wage-Earners Employed: Greatest number	Value of product
Total for the State	3,206	$ 409,282,755	$ 497,572,107	$84,980,847	$1,129.30	63,158	12,092	75,250	55,080	100,048	$398,035,251
Agricultural implements	25	14,475,867	9,948,117	3,802,890	1,281.29	2,920	48	2,968	1,677	4,075	19,352,983
Artificial limbs	2	25,000	7,750	6,507	1,301.40	5	--------	5	5	6	26,556
Automobiles, bodies and parts	23	1,727,571	1,558,597	395,420	1,170.00	292	46	338	205	450	2,489,212
Automobile tires and tubes	6	9,167,966	3,625,392	977,801	1,166.82	778	60	838	499	1,065	6,094,606
Awnings, tents, etc.	14	336,339	189,467	60,237	825.16	48	25	73	39	116	405,272
Baskets, rattan and willow ware	3	265,345	162,024	159,973	883.83	129	52	181	132	211	405,180
Blacking, cleansing prep.; sweeping comp'd	5	404,505	391,757	34,438	1,043.57	30	3	33	29	37	703,881
Boots and shoes	6	1,167,132	2,471,262	527,807	838.03	368	310	678	589	790	3,525,866
Boxes, cigar	5	74,544	59,613	32,817	683.68	17	31	48	44	59	120,230
Boxes, fancy and paper	8	193,790	136,374	84,623	549.50	36	118	154	129	186	325,350
Brass and bronze products	8	2,454,504	831,624	543,373	1,181.24	414	46	460	351	544	2,177,539
Bread and other bakery products	163	5,879,120	8,206,465	1,629,474	934.86	1,103	640	1,743	1,383	1,998	13,449,489
Brick and tile (clay)	95	13,403,894	2,975,341	2,877,282	1,329.61	2,163	1	2,164	772	3,193	7,851,977
Brooms	22	729,857	609,065	218,254	836.08	150	102	252	190	305	1,157,187
Butter, cheese and condensed milk	366	7,873,696	43,034,100	1,778,115	1,142.74	1,377	179	1,556	1,187	2,075	49,201,934
Buttons, pearl	32	4,380,501	2,310,417	1,412,734	738.10	1,053	861	1,914	1,447	2,491	4,794,422
Canning and preserving	55	8,979,371	5,330,633	948,172	663.05	911	519	1,430	311	5,904	8,599,892
Carpets and rugs	8	67,496	20,569	44,549	840.54	35	18	53	46	62	107,729
Car repairs and construction[1]	55	----------	----------	16,888,854	1,460.40	11,584	49	11,633	10,587	12,729	----------
Carriages, wagons and materials	31	3,311,387	1,182,467	569,634	1,080.89	511	16	527	400	676	2,280,652
Cement	5	11,532,378	4,015,604	1,630,619	1,570.23	1,020	14	1,034	514	1,367	7,065,799
Cement blocks, brick, tile, posts, etc.	110	3,281,778	932,690	564,890	1,132.04	499	--------	499	232	776	2,206,715
Clothing, men's	25	3,799,899	3,676,691	646,954	612.06	93	931	1,057	886	1,361	5,426,244
Clothing, women's	12	1,591,210	1,186,571	340,963	642.11	129	402	531	463	616	2,017,549
Coffee and spice, roasting and grinding	8	2,093,800	3,176,738	120,140	852.05	60	81	141	124	157	3,794,558

Coffins and undertakers' goods	7	1,261,935	830,605	326,046	1,203.12	203	65	271	231	330	1,659,941
Confectionery (including ice cream)	96	9,578,851	6,589,418	1,563,540	794.88	945	1,032	1,967	1,541	2,533	11,612,649
Cooperage and wooden goods	11	312,020	496,454	106,210	923.56	114	1	115	70	166	735,444
Copper, tin and sheet-iron products	32	1,862,386	1,294,192	432,293	1,256.67	342	2	344	234	463	2,255,241
Crushed rock and stone	11	394,776	135,523	156,703	973.31	161	--------	161	96	228	354,273
Cutlery and tools	9	370,062	191,633	90,005	927.88	79	18	97	73	135	406,989
Dairymen's, apiarists' and poulterers' sup.	6	380,457	234,833	88,155	881.55	91	9	100	56	159	560,572
Electric light, heat and power	119	59,856,072	3,910,093	1,358,456	1,133.00	1,196	3	1,199	958	1,500	11,904,357
Electricity and gas (both)	19	18,702,809	1,407,693	734,253	1,217.63	601	2	603	446	816	3,525,961
Explosives and fireworks	2	773,153	909,595	195,236	1,162.11	163	5	168	110	266	1,901,444
Flour-mill and grist-mill products	98	6,172,787	15,262,225	545,565	1,159.00	460	9	469	406	548	17,405,720
Food preparations	13	21,863,356	65,628,705	3,704,207	1,078.68	2,802	632	3,434	2,095	4,805	80,583,382
Foundry and machine-shop products	164	34,359,504	22,540,798	8,385,495	1,211.95	6,711	208	6,919	4,599	9,144	40,632,692
Fur goods and tanning	12	850,699	605,728	243,355	1,072.04	112	115	227	140	309	1,340,069
Furnishing goods, men's	6	332,993	420,688	63,784	522.82	13	109	122	81	211	674,128
Furniture and refrigerators	27	3,450,527	2,389,156	1,062,082	1,056.80	934	71	1,005	758	1,251	4,533,542
Gas, illuminating and heating	42	13,973,286	1,648,407	591,216	1,141.34	516	2	518	411	624	3,747,734
Gas and electric fixtures and appliances	7	399,481	148,935	100,942	1,009.42	88	12	100	83	119	360,217
Gloves and mittens	10	2,080,306	1,729,599	286,194	605.06	157	316	473	411	533	2,683,162
Hats and caps	5	278,838	367,541	117,696	754.46	19	137	156	69	254	601,038
Hosiery and knit goods	2	1,558,071	610,437	208,379	653.22	76	243	319	289	344	1,187,672
Ice, manufactured	34	4,269,993	554,554	584,529	1,084.47	536	3	539	225	1,071	1,941,637
Jewelry	8	97,780	44,069	55,656	1,012.00	48	7	55	46	63	170,326
Lead, ore and refining	2	238,731	461,975	83,881	1,181.42	71	--------	71	24	123	703,097
Leather goods, harness and saddlery, etc.	54	2,373,097	1,467,215	338,489	1,230.87	263	9	275	202	362	2,127,750
Lumber and timber products, mill work, etc.	85	14,170,337	12,255,121	3,726,142	1,017.23	3,529	134	3,663	2,811	4,349	20,484,633
Malt	4	829,618	434,684	54,250	1,107.14	42	7	49	14	104	712,991
Marble and stone work, monuments	76	1,788,654	1,244,445	364,505	1,401.94	256	4	260	196	316	2,448,697
Mattresses and spring beds	8	825,847	793,881	206,459	1,221.65	143	26	169	131	201	1,463,358
Mineral and soda waters	76	1,439,804	744,370	192,911	945.64	193	11	204	109	351	1,444,547
Mirrors and glass	4	38,685	20,607	28,497	1,239.00	23	--------	23	12	30	64,330
Models and patterns (not paper)	7	49,071	13,030	21,960	1,291.76	16	1	17	9	28	55,673
Optical goods	8	327,705	216,196	93,912	853.74	74	36	110	91	125	435,209
Paint and varnish	4	279,895	226,586	23,977	1,141.76	19	2	21	20	24	358,636
Paper and wood pulp	6	999,410	597,692	190,348	1,028.90	138	47	185	98	263	1,202,991
Patent medicines, druggists' preparations	32	3,605,703	2,503,620	339,370	774.81	156	282	438	376	523	6,006,079
Pens, fountain	4	2,497,918	538,183	236,742	782.04	129	175	304	180	408	1,440,543
Poultry and produce packing	48	3,123,365	29,788,669	1,200,361	965.69	980	263	1,243	526	2,427	33,425,930
Printing and publishing, and binding	630	16,883,532	6,975,353	4,486,603	1,053.30	3,009	1,250	4,259	3,705	4,869	22,529,298
Pumps	7	1,699,526	425,825	297,119	1,193.25	247	2	249	221	276	1,020,650

TABLE No. 1—STATISTICS OF MANUFACTURES 1919—Continued.

Industries	Number of establishments	Capital invested	Value of stock and materials used	Amount of wages paid during the year	Average yearly earnings	Wage-Earners Employed					Value of product
						Average Number			Smallest number	Greatest number	
						Males	Females	Both sexes			
Remedies, stock and poultry	33	1,516,843	1,472,106	102,853	902.22	107	7	114	76	159	2,976,995
Rendering, oils and greases	10	1,229,140	1,659,563	160,125	1,281.00	125	--------	125	94	161	2,419,381
Serum, hog cholera	7	1,277,257	1,375,229	212,372	1,444.70	127	20	147	102	123	2,139,655
Ship-building and boat-building	3	133,503	165,498	130,882	774.45	169	--------	169	86	217	343,308
Signs and advertising novelties	13	2,054,602	700,150	343,403	800.47	194	235	429	289	650	2,482,040
Silos and parts	14	1,278,468	997,776	138,038	1,022.50	135	--------	135	63	244	1,738,471
Slaughtering and meat packing	18	46,473,385	191,580,355	8,387,280	1,195.11	6,329	689	7,018	5,786	8,582	221,692,868
Soap	6	1,038,346	1,002,295	82,267	914.07	60	30	90	83	125	1,452,165
Stoves and furnaces	19	2,961,853	1,211,234	600,385	1,263.96	461	14	475	294	646	2,839,368
Tobacco, cigars and smoking	127	1,878,489	1,794,572	879,044	781.98	511	741	1,252	1,058	1,543	3,553,296
Vinegar and pickles	8	1,008,408	894,528	122,721	818.14	80	70	150	94	225	1,304,867
Vulcanizing	7	44,384	20,514	10,852	773.71	14	--------	14	6	26	37,945
Wall plaster	8	2,138,678	832,816	1,266,342	1,355.82	933	1	934	515	1,344	3,115,679
Washing machines	13	5,734,887	4,385,431	1,289,859	1,242.64	1,026	12	1,038	854	1,218	8,930,566
Wire, wire cloth and wire products	12	889,515	666,019	173,033	882.77	153	43	196	143	242	1,336,433
Woolen goods	2	239,113	274,618	4,050	506.25	8	--------	8	6	9	318,500
All other industries[2]	26	7,817,960	6,011,712	1,795,915	1,029.17	1,347	398	1,745	1,137	2,634	11,071,190

Notes: [1]Railway companies did not report capital invested, value of materials used, nor value of product. All other items are complete.
[2]All other industries includes one establishment of each of the following industries: Corn huskers, machine belting, dyeing, violins, printers' rollers and ink, artificial flowers, photographic apparatus and materials, sand, metal specialties, roofing felt, phonographs, flags and pennants, etc., twine and rope, pop corn, sand and ice, mustard, ferro silicon, asphalt, beet sugar; three reports of miscellaneous products; two of dental supplies and two of electroplating.

The fifteen leading industries which are listed below according to their rank in production, indicate considerable variety of products:

	Industry	No. of Factories Reporting	Value of Product
1.	Slaughtering and meat packing	18	$221,692,868
2.	Food preparations, cereals, etc.	13	80,583,382
3.	Butter and cheese	366	49,201,934
4.	Foundry and machine shop products	164	40,632,692
5.	Poultry and produce packing	48	33,425,930
6.	Printing, publishing, binding	630	22,529,298
7.	Lumber and timber products, mill work	85	20,484,633
8.	Agricultural implements	25	19,352,983
9.	Flour and grist mill products	98	17,405,720
10.	Bread and other bakery products	163	13,449,489
11.	Electric light, heat and power	119	11,904,357
12.	Confectionery, including ice cream	96	11,612,649
13.	Washing machines	13	8,930,566
14.	Canning and preserving	55	8,599,892
15.	Brick and tile, clay products	95	7,851,977

The size of Iowa factories may be judged from the number in each group of the following classifications, based on capital invested and value of product. The figures based on capital are of course more constant and dependable for use in making comparisons, the figures based on value of product being more or less affected by the trend of prices. Nevertheless, either grouping serves well to indicate the development of Iowa factories.

FIRST, ACCORDING TO CAPITAL INVESTED:

Amount of Capital Invested	Number of Establishments	Total Capital for Each Class
Over $1,000,000 capital	71	$216,133,716
$100,000 to $1,000,000	494	142,466,656
$20,000 to $100,000	814	38,034,044
$5,000 to $20,000	1,062	11,122,212
Less than $5,000	634	1,526,127

NOTE: In addition to the 3,075 plants classified above, there were 55 railway car repair shops that did not report capital invested and 76 factories that were branch concerns for which separate capital could not be given.

SECOND, ACCORDING TO VALUE OF PRODUCT:

Value of Product	Number of Establishments	Total Production for Each Class
Over $1,000,000 product	89	$445,849,134
$100,000 to $1,000,000	677	192,781,534
$20,000 to $100,000	1,008	48,545,186
$5,000 to $20,000	788	9,334,496
Less than $5,000	493	1,524,901

NOTE: In addition to the 3,055 factories classified above, there were 55 railway car repair shops that did not report value of product, and 96 plants that were branch concerns for which separate value of output could not be given.

Iowa is a state considered primarily as agricultural, but the manufacturing industries have grown in importance until they attract popular attention because of the number of factories and the total volume of their product. Iowa is known to have untold wealth in raw materials and natural resources (some of them featured on later pages), and it is especially important that a large part of the manufacture into finished products be carried on within the state. The leading manufacturing industries which are engaged precisely in such processes and which serve as pointed illustrations of Iowa's wealth of material, follow:

Industry	Number of Establishments Reporting for Year 1919	Total Value of Product, Year 1919
Slaughtering, meat packing	18	$221,692,868
Food preparations, cereals	13	80,583,382
Butter and cheese	366	49,201,934
Canning and preserving	55	8,599,892
Buttons, pearl	32	4,794,422
Brick and tile	95	7,851,977
Cement and lime	5	7,851,977
Wall plaster, gypsum, etc.	8	3,115,679
Crushed rock and stone	11	354,273
Poultry and produce packing	48	33,425,930

The above listed ten industries which include 651 factories reporting for year 1919, produced $416,686,156 of manufactured products from Iowa's own resources, which is 59 per cent of the total manufactures production of the state for that year, the latter aggregate being $698,035,251.

For those interested in the number of wage-earners employed in Iowa factories, we submit below the average number for each month of year 1919, as reported by 3,206 factories. The term "wage earners" here used includes only the persons working in mills, fac-

tories, shops, et cetera, actually engaged in manufacturing; salaried employes, such as manager, salesmen, bookkeepers, etc., are excluded.

Months	Number of of Wage Earners Employed, 1919 Monthly Averages
January	70,590
February	69,572
March	69,546
April	70,596
May	71,920
June	74,454
July	76,454
August	78,439
September	80,731
October	79,290
November	80,041
December	79,114
Average for year	75,056

It is to be expected that Iowa, situated near the center of the United States and with a climate which is continental in type, should have some industries and occupations which are more or less affected by seasonal changes. The better to illustrate this condition of seasonal employment, the following fifteen industries selected from the 1919 Manufactures Statistics issued by this department, are varied and represent all parts of the year:

Industry	Month of Greatest Average Employment	Average Employment in Greatest Month
Car repairs and construction	December	12,113
Slaughtering and meat packing	January	8,122
Foundry and machine shop products	February	7,271
Canning and preserving	September	5,341
Printing and publishing	December	4,758
Food preparations	September	4,046
Lumber and timber products	October	4,027
Agricultural implements	March	3,651
Brick and tile	September	2,796
Buttons, pearl	December	2,258
Confectionery	November	2,209
Poultry and produce	December	2,192
Bread and other bakery products	November	1,905
Butter and cheese	June	1,637
Cement	September	1,331

The volume of manufactures for each county of the state is shown on the following map by means of the total value of product and the number of wage-earners employed in such production; and capitalization, stocks and materials, total product, wage-earners and wages paid, are shown on a separate tabulation for thirty (30) leading counties.

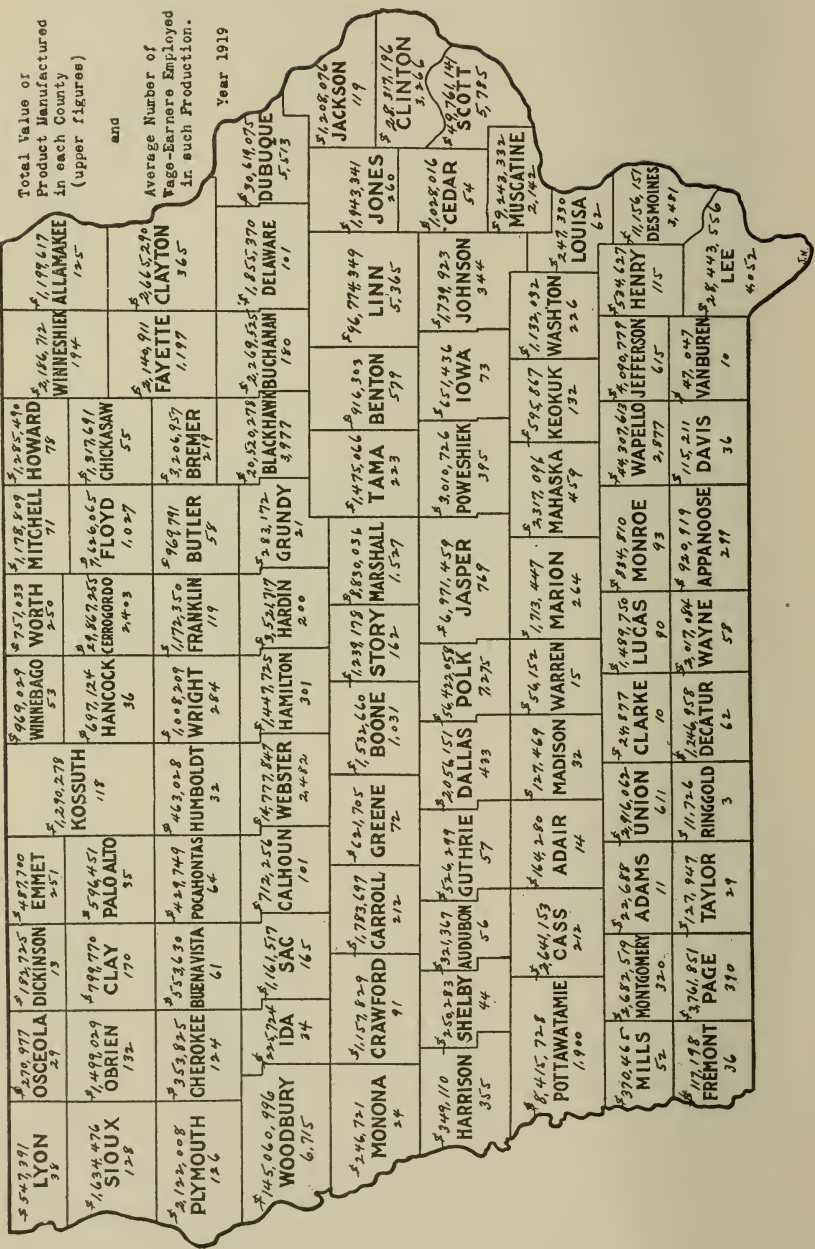

Total Value of Product Manufactured in each County (upper figures)
and
Average Number of Wage-Earners Employed in such Production.
Year 1919
$5,547,391 LYON 38
$270,977 OSCEOLA 29
$1,623,723 DICKINSON 19
$4,827,790 EMMET 251
$1,178,809 MITCHELL 71
$2,196,712 WINNESHIEK 194
$1,199,617 ALLAMAKEE 125
$1,234,476 SIOUX 128
$1,499,029 O'BRIEN 132
$799,770 CLAY 170
$353,825 CHEROKEE 124
$4,596,451 PALO ALTO 55
$4,249,749 POCAHONTAS 64
$353,630 BUENAVISTA 61
$2,185,490 HOWARD 78
$317,691 CHICKASAW 55
$2,665,270 CLAYTON 365
$2,132,008 PLYMOUTH 126
$145,060,996 WOODBURY 6,715
$1,161,577 IDA 34
$7,12,256 SAC 165
$1,270,278 KOSSUTH 118
$463,028 HUMBOLDT 32
$746,777,847 CALHOUN WEBSTER 2,482
$969,024 WINNEBAGO 53
$697,124 HANCOCK 36
$1,008,209 WRIGHT 264
$1,447,725 HAMILTON 301
$757,033 WORTH 250
$28,867,245 CERRO GORDO 2,403
$1,172,350 FRANKLIN 119
$3,521,717 HARDIN 200
$969,781 BUTLER 58
$2,206,957 BREMER 219
$1,853,370 DELAWARE 101
$30,641,075 DUBUQUE 5,573
$1,208,076 JACKSON 119
$28,817,196 CLINTON 3,266
$49,761,194 SCOTT 5,725
$2,283,172 GRUNDY 21
$20,520,278 BLACKHAWK 3,777
$2,269,525 BUCHANAN 180
$1,943,341 JONES 260
$1,025,016 CEDAR 54
$9,243,332 MUSCATINE 2,742
$1,132,092 WASHTON 226
$247,320 LOUISA 62
$1,156,157 DES MOINES 2,481
$1,475,466 TAMA 223
$916,303 BENTON 579
$46,774,349 LINN 5,365
$1,739,923 JOHNSON 344
$1,133,627 HENRY 115
$1,238,178 STORY 162
$850,036 MARSHALL 1,527
$2,010,726 POWESHIEK 395
$651,436 IOWA 73
$595,867 KEOKUK 132
$4,070,779 JEFFERSON 615
$1,532,460 BOONE 1,031
$46,771,459 JASPER 769
$3,317,096 MAHASKA 459
$4,307,613 WAPELLO 2,977
$47,047 VANBUREN 10
$1,783,697 GARROLL 212
$4,432,459 POLK 7275
$1,713,447 MARION 264
$834,810 MONROE 93
$920,919 APPANOOSE 299
$1,115,211 DAVIS 36
$1,621,705 GREENE 72
$2,056,151 DALLAS 433
$56,152 WARREN 15
$1,489,750 LUCAS 90
$3,017,084 WAYNE 58
$28,443,556 LEE 4,052
$2,246,721 MONONA 24
$1,157,829 CRAWFORD 91
$259,223 SHELBY 44
$521,367 AUDUBON 56
$256,299 GUTHRIE 57
$127,469 MADISON 32
$24,877 CLARKE 10
$1,246,958 DECATUR 62
$2,349,110 HARRISON 355
$2,644,153 CASS 212
$646,280 ADAIR 14
$916,062 UNION 611
$111,726 RINGGOLD 3
$8,415,728 POTTAWATAMIE 1,900
$22,688 ADAMS 11
$127,947 TAYLOR 29
$370,465 MILLS 52
$6,682,579 MONTGOMERY 320
$3,761,851 PAGE 390
$117,198 FREMONT 36

TABLE NO. 2—MANUFACTURING INDUSTRY IN THIRTY COUNTIES OF IOWA

County	Capitalization		Stocks and Materials		Total Product		Wage Earners		Wages Paid	
	Amount	Rank	Value	Rank	Value	Rank	Number	Rank	Amount	Rank
Polk	$ 48,290,633	1	$ 32,690,263	5	$ 56,422,058	3	7,[illegible]75	1	$ 7,925,261	2
Linn	44,241,450	2	73,407,617	2	96,774,349	2	5,365	5	5,341,190	5
Woodbury	36,917,366	3	132,087,269	1	145,060,996	1	6,715	2	8,652,430	1
Scott	34,688,762	4	33,545,240	4	49,761,141	4	5,785	3	6,364,685	3
Lee	29,951,515	5	17,096,708	9	28,443,556	8	4,052	6	4,365,593	7
Dubuque	22,737,745	6	18,087,100	8	30,619,075	6	5,513	4	5,656,018	4
Wapello	21,851,853	7	37,010,518	3	44,307,613	5	2,877	10	3,081,542	12
Cerro Gordo	18,819,784	8	24,414,524	6	29,867,255	7	2,403	12	3,205,292	11
Black Hawk	14,974,148	9	12,942,320	10	20,520,278	10	3,977	7	4,873,815	6
Clinton	14,026,751	10	19,183,990	7	28,317,196	9	3,266	9	4,078,496	8
Webster	9,184,927	11	9,035,796	11	14,777,847	11	2,482	11	3,206,925	10
Des Moines	8,317,546	12	6,348,054	12	11,156,151	12	3,481	8	3,814,406	9
Muscatine	7,371,370	13	5,172,555	14	9,243,332	13	2,142	13	1,779,956	15
Marshall	5,922,265	14	5,464,945	13	8,830,036	15	1,527	15	1,792,052	14
Pottawattamie	5,172,764	15	4,945,556	15	8,415,728	14	1,900	14	2,468,204	13
Jasper	4,841,980	16	3,610,203	16	6,971,459	17	769	19	1,054,299	19
Floyd	4,029,691	17	3,164,000	17	7,626,065	16	1,027	18	1,184,742	18
Clayton	3,794,452	18	2,118,056	22	2,665,290	23	365	24	328,352	26
Montgomery	3,234,882	19	1,211,779	38	2,682,519	22	320	27	368,943	28
Poweshiek	3,223,524	20	1,801,956	27	3,010,726	20	395	25	365,732	24
Appanoose	3,159,184	21	534,641	61	920,919	51	299	29	309,688	27
Johnson	2,771,200	22	815,170	53	1,739,923	34	344	26	338,203	25
Jefferson	2,685,352	23	1,835,156	25	4,090,779	18	615	20	545,570	22
Dallas	2,069,435	24	1,096,769	42	2,056,151	28	260	32	614,652	21
Mahaska	2,213,400	25	1,362,416	36	2,317,096	24	459	23	456,365	23
Boone	1,877,984	26	809,557	54	1,532,660	37	1,031	17	1,407,760	17
Page	1,836,134	27	2,198,205	20	3,761,851	19	399	26	393,792	24
Benton	1,830,326	28	500,420	64	916,303	52	559	22	646,940	20
Clay	1,670,095	29	410,930	63	799,770	53	170	43	169,604	36
Fayette	1,654,815	30	1,624,978	31	2,140,911	26	1,197	16	1,520,549	16

A glance at the preceding map and county tabulation shows that Iowa factories are not located in two or three largest cities or manufacturing centers, as is the case in a number of other states, but instead they are scattered over the state generally. Certain facts regarding some of the leading counties listed above will be of interest here to indicate the principal industries in each.

Woodbury leads all of the counties in production because of its great slaughtering and meat packing industry, which in year 1919 produced $119,452,360 of meat products; its next leading industry was butter and cheese, with $7,466,524 production.

Linn county, second in production rank, leads the state in cereal food preparations, producing $49,455,055 of oatmeal cereals. Several of these cereal factories are the largest in the United States.

Polk county stands third with a total production of $56,422,058. Located in Des Moines is a large meat packing plant and there are numerous other large factories, but the capital city does not stand out because of having a considerable number of *large* factories; the real condition is that besides a goodly number of fair sized establishments there are several hundred smaller ones producing a great variety of articles. Polk county naturally leads the state in the printing and publishing industry; the total value of products as reported for 1919 by 42 factories was $8,855,659. Polk county also has a large output of patent medicines and compounds, with total production of $2,931,720; bakery products, $2,478,570; butter and cheese, $2,210,208; and there are a dozen other industries with production from one to near two million dollars.

Scott county, which ranks fourth in production, holds first place in foundry and machine-shop products, with a total production of $20,033,118; one company in this group is the largest in the state in number of employes. This county's production of flour and grist mill products amounted to $5,652,030; and of lumber and timber products, $4,222,646.

Wapello county ranks fifth in production because one of the state's largest meat packing plants is located at Ottumwa.

Dubuque county, sixth in rank, leads the counties in lumber and timber products, with $5,036,880; its next industry is slaughtering and meat packing, $2,814,677; butter and cheese, $2,085,988; foundry and machine-shop products, $1,911,358; men's clothing, $1,609,455; brass and bronze products, $1,281,380.

Lee county produced $8,285,436 of food preparations (cereals), $3,524,468 of auto tires and tubes, $1,565,840 of patent medicines.

Clinton county produced $14,813,889 of food preparations, $2,484,932 of lumber and timber products, $2,060,421 of foundry and machine-shop products, $1,722,458 of butter and cheese, and $1,482,528 of bakery products.

Black Hawk county, in which the foundry industry leads, produced $3,616,178 of foundry and machine-shop products and $6,275,612 of agricultural implements.

Cerro Gordo county, which is seventh in production rank, has at Mason City among a number of important factories, two large cement plants whose total output for 1919 was $5,329,445; brick and tile production amounted to $1,862,166, and Mason City also has a large slaughtering and meat packing plant and a beet sugar plant, both of which produce up in the millions. Cerro Gordo leads all counties in cement production; however, Polk county has a cement plant with an annual output of several million dollars, and another cement plant has been established at Des Moines and will soon be in operation. Webster county is noted for its gypsum, the 1919 production of wall plaster therefrom being $2,934,243. In Cerro Gordo, Polk, Webster and Woodbury counties, the brick and tile industry has been developed to a large scale.

LEADING INDUSTRIES.

Showing the Natural Resources of the State, and Counties with Large Production in those Industries.

The following industries are engaged principally in manufacturing from raw materials produced by Iowa:

Slaughtering and meat packing—Woodbury, Dubuque, Scott, Black Hawk, Polk, Wapello, Cerro Gordo, Marshall and Des Moines counties. Total production for year 1919, $221,692,868.

Food preparations (cereals, etc.)—Linn, Webster, Lee and Clinton counties. In all there are 13 factories with a total production of $80,583,382 for the year 1919, but the large factories are the cereal plants at Cedar Rapids, Fort Dodge and Keokuk.

Butter, cheese and condensed milk—For 366 creameries, the total value of products for 1919 was reported to the Bureau of Labor as $49,201,934. Practically every county in the state produced dairy products to some extent, but the northern half and especially the northeastern quarter of the state, with Bremer and Butler counties as center of the district, lead in the industry.

Canning and preserving—There are 66 canning factories located in 59 different cities or towns, besides a dozen factories manufacturing pickles, condiments, and vinegar. Fifty-five factories operated during year 1919, total production being $8,599,892. The following eleven counties have more than one canning factory, with production ranging from $100,000 to over a million: Benton, Black Hawk, Bremer, Dallas, Lee, Linn, Marshall, Muscatine, Polk, Story and Winnebago counties.

Buttons, pearl—This industry depends mainly on the shell supply from the Mississippi and eastern rivers of the state. The counties along the Mississippi form one of the chief pearl button supply stations of the United States, and Muscatine is the button factory center of the middle west. In 1919, for 45 factories total production was $4,794,422. At Muscatine there are several large factories which turn out finished products, but most of the factories produce button blanks which are either shipped east or finished by other factories at Muscatine. Muscatine county leads in this industry, but Washington, Allamakee, Clayton, Jackson, Clinton, Scott, Louisa and Lee counties, or practically all along the Mississippi river, have extensive production. In order to not exhaust the supply of shells, propagating stations have been established by the government at Fairport, Iowa.

Brick and tile industry—For year 1919, the total production reported by 95 brick and tile factories located in all parts of the state was $7,851,977. The state has considerable quantities of materials for clay products. The western part of the state has limestone, chalk, shale and sand stone, but materials for brick and tile, also cement, are especially good in the territory north from Johnson county to Cerro Gordo county, in Polk, Marshall and Hardin counties, also over in Woodbury county; and all through the central portion of the state taken southeast and southwest from Webster and Hamilton counties, are beds of shale, sandstone, some limestone, and productive coal beds. The counties which lead in the brick and tile industry are Cerro Gordo, Polk, Woodbury, Keokuk, Wapello, Hamilton, Webster and Dallas counties.

Cement and lime—Though there are 5 factories with a total production of $7,065,799 of cement, the large cement factories are the two in Mason City (Cerro Gordo county) and one at Des Moines (Polk county), the latter factory securing its material from quarries at Earlham, Madison county. Another new cement factory which is now being constructed at Des Moines and will soon be in operation, will haul its raw material from Gilmore City, Pocahontas county.

Wall plaster and gypsum—Webster county is the only one containing gypsum to any quantity. The factories are located in the vicinity of Fort Dodge, and their total production for 1919 was $3,115,679. The gypsum beds in that locality are exceptionally good.

Quarries, crushed rock and stone—Dubuque, Scott, Webster, Madison, Cerro Gordo, Marshall, Allamakee, Black Hawk and Bremer counties.

Beet sugar factories—In Cerro Gordo, Bremer and Wright counties, consuming the product of 17,250 acres of sugar beets in 1920.

Improvements in scientific processes have made it possible to preserve more and more of perishable agricultural products for later consumption. Iowa, the chief agricultural state, with the greatest food crop to provide raw materials for its factories, is rapidly developing into a manufacturing state. Improved farming has increased Iowa's farm products, and factory products have increased in consequence due to large quantities of raw materials being prepared for consumption and placed through manufacturing processes within the state. The trend is from the soil to finished products, each step an Iowa industry. Eight leading food manufacturing industries produced 62.4% of the total manufactures for year 1919 (total $698,035,251). Though the greatest volume of manufactures is due to the value of food products, yet

the greatest number of factories are engaged in a diversity of industries other than food production, as shown in manufactures table No. 1 already quoted on page (6).

Although this bulletin features the manufacturing industries of the state, while showing the natural resources in their relation to factory production it is well to consider the value of Iowa's corn and other grain crops and agricultural production. For better comparison with the volume of 1919 manufactures, the tabulated crop summary for the same year is submitted below:

TABULATED CROP SUMMARY (FOR YEAR 1919).

Crop	Acres	Average Yield	Average Price	Total Yield	Total Value
Corn	10,000,000	41.6 bu.	$ 1.17	416,622,000	$487,447,740
Oats	5,670,000	34.6 bu.	.64	196,391,500	125,690,560
Spring Wheat	750,000	9.5 bu.	1.89	7,145,300	13,504,517
Winter Wheat	950,000	17.4 bu.	1.98	16,508,600	32,687,028
Barley	315,000	25.5 bu.	1.11	8,022,800	8,905,308
Rye	70,000	15.9 bu.	1.33	1,110,050	1,476,366
Flax Seed	16,000	9.5 bu.	3.90	152,275	593,872
Timothy Seed	200,000	4.5 bu.	4.91	900,000	4,419,000
Clover Seed	60,000	1.4 bu.	24.92	84,000	2,093,280
Potatoes	115,000	43.0 bu.	1.94	4,942,110	9,587,693
Hay (Tame)	2,992,000	1.6 tons	18.37	4,957,370	91,966,887
Hay (Wild)	478,000	1.3 tons	16.48	631,693	10,410,301
Alfalfa	148,000	3.2 tons	23.09	477,314	11,021,180
Pasturage and grazing (estim'd)					100,000,000
Ensilage (estimated)					20,000,000
Sweet Corn (Commercial Crop)	40,000	3.0 tons	13.50	120,000	1,620,000
Pop Corn (estimated)	29,300	24.9 bu.	3.79	729,570	2,765,070
Buckwheat (estimated)	7,000	14.0 bu.	1.95	98,000	191,100
Fruit Crop (estimated)					7,000,000
Garden Truck (estimated)					8,000,000
Sugar Beets for Manufacture (estimated)	8,000	8.0 tons	9.00	64,000	576,000
Miscellaneous (estimated)					11,000,000
Total					$950,056,002

The total value of crops produced in 1919 was $950,056,002, which is 27.7% more than the total value of manufactures for the same period ($698,035,251). Iowa in grain and animals used for food produces approximately one-tenth of all the food produced in the United States, and for the year 1919, of her manufactures 62.4% came from factories engaged in food production.

Economic conditions with relation to crop yield and total value changed so remarkably from 1919 to 1920 that we submit below a similar crop summary tabulated for year 1920. The total value of crops for 1920 was $560,460,638 as against the $950,056,002 of 1919. While there has been a slashing cut in the prices of the various products causing the decrease in value, there has been at the same time the biggest yield in the history of the state, notice-

able particularly in corn, oats and potatoes. The increased production and decreased value, with average prices per unit, may be determined by comparing the 1919 table given just above with the 1920 tabulation which follows:

TABULATED CROP SUMMARY, 1920

Crop	Acres	Average Yield	Average Price	Total Yield	Total Value
Corn	10,300,000	46.0 bu.	$ 0.47	473,800,000	$222,686,000
Oats	5,893,600	39.0 bu.	0.36	229,850,400	82,746,144
Spring Wheat	400,000	11.3 bu.	1.35	4,520,000	6,102,000
Winter Wheat	431,000	19.7 bu.	1.41	8,490,700	11,971,887
Barley	284,000	27.5 bu.	0.63	7,810,000	4,920,300
Rye	80,000	16.2 bu.	1.17	1,296,000	1,516,320
Flax Seed	12,000	10.0 bu.	1.80	120,000	216,000
Timothy Seed	270,000	4.9 bu.	3.00	1,323,000	3,969,000
Clover Seed	134,000	2.0 bu.	11.65	268,000	3,122,200
Potatoes	104,500	110.0 bu.	1.22	11,495,350	14,024,327
Hay, tame excluding alfalfa	3,020,850	1.44 tons	16.24	4,349,620	70,637,829
Hay, wild	510,000	1.27 tons	12.69	647,700	8,219,313
Alfalfa	200,000	2.84 tons	19.23	568,140	10,925,332
Pasture and grazing	10,137,680		7.01		71,065,136
Ensilage, estimated					25,000,000
Sweet corn, subject to revision					1,960,000
Pop Corn	30,000	30.0 bu.	3.23	900,000	2,907,000
Buckwheat	7,500	17.0 bu.	1.34	127,500	170,850
Fruit crop estimated					7,000,000
Garden truck, estimated					4,000,000
Sugar Beets for manufacture	17,250	9.2 tons	11.34	158,759	1,801,000
Miscellaneous crops, estimated					5,500,000
Total value for the year, 1920					$560,460,638

TOTAL VALUE OF FARM PRODUCTS COMPARED FOR 1919 AND 1920

	Value—1919	Value—1920
Total value of all crops	$ 950,056,002	$ 560,460,638
Dairy products (estimated)	113,000,000	100,000,000
Poultry and eggs (estimated)	85,000,000	76,365,000
Wool: 4,500,000 lbs. at 55c, year 1919	2,475,000	
4,908,000 lbs. at 21c, year 1920		1,030,680
Total value of farm products	$ 1,150,531,002	$ 737,856,318

Number of Horses, Mules, Swine, Cattle, Sheep and Poultry Compared for Years 1919 and 1920.

	Number	
	Year—1919	Year—1920
Horses	1,505,000	1,328,000
Mules	71,000	71,000
Milch cows	1,363,000	1,252,000
Other cattle	2,775,000	2,939,000
Swine	10,389,000	9,510,000
Sheep	1,321,000	948,000

While discussing agricultural production, the value of farm property should be of interest. The United States Census reports that in 1920 Iowa had 213,439 farms with an aggregate of 33,474,896 acres (28,606,951 improved and 4,867,945 acres unimproved), making an average of 156.8 acres to the farm. The percentage of farm land improved is 85.5%. The total value of farm property is as follows:

Value of all farm property	$8,525,270,956
Consisting of:	
Land	6,679,020,577
Buildings	922,751,713
Implements and machinery	309,172,398
Live stock	614,326,268
Farm tenure as reported for 1920:	
Total number of farms	213,439
Owners	121,888
Managers	2,487
Tenants	89,064

Another of Iowa's natural resources, and one of its greatest, is its bituminous coal. The United States Geological Survey has estimated that the Iowa coal field contains about 19,000 square miles, possibly two-thirds of which may in time become productive; the original coal supply was 29,160,000,000 tons; further, the same department estimated in 1907 that with a production of about 7,500,000 tons per year the supply will last 2,550 years.

During year 1920, 7,881,869 tons of coal were produced by Iowa mines. The table which follows shows the rank of twenty counties according to production of coal, and the accompanying map shows the location of those counties along the Des Moines river and its tributaries, with three counties with minor production which drain into the Missouri river.

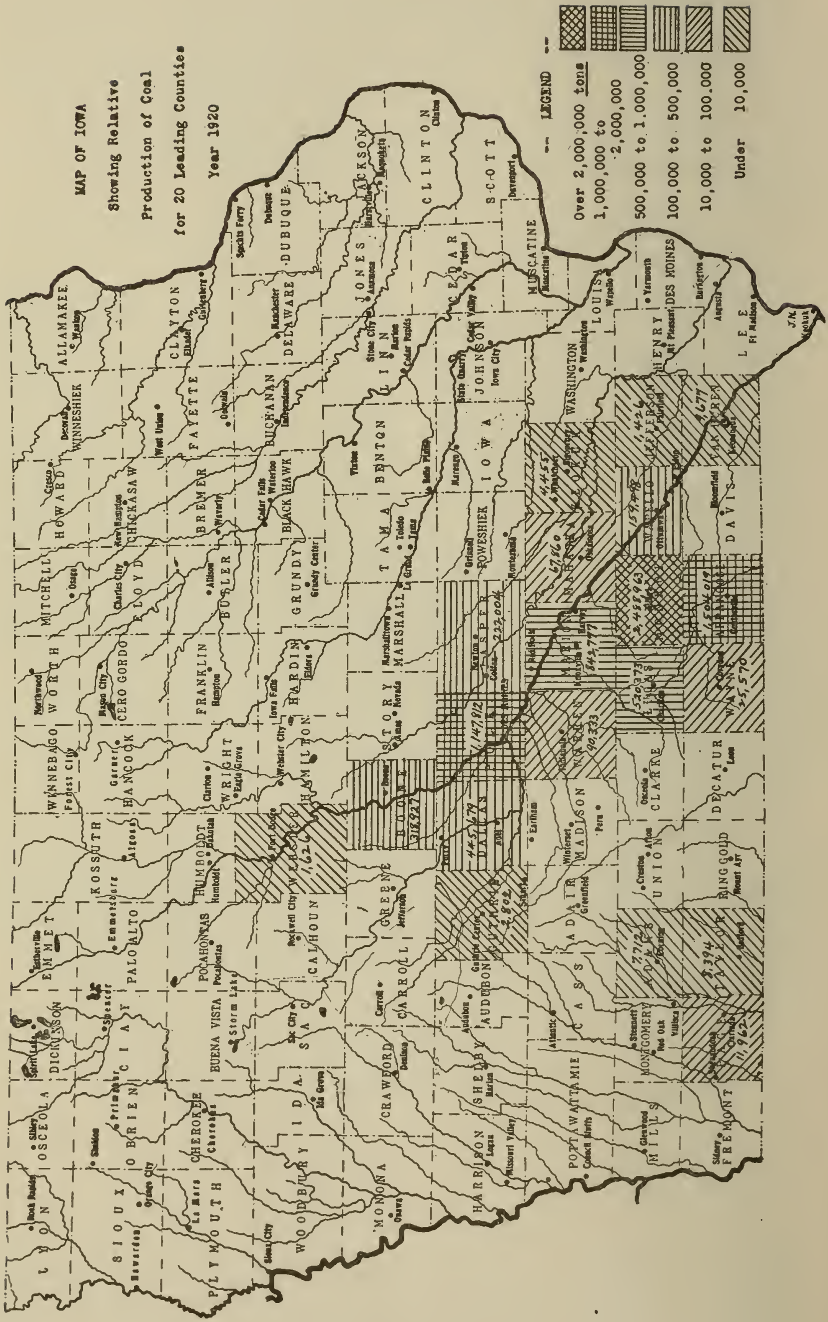

MAP OF IOWA
Showing Relative
Production of Coal
for 20 Leading Counties
Year 1920
LEGEND
Over 2,000,000 tons
1,000,000 to 2,000,000
500,000 to 1,000,000
100,000 to 500,000
10,000 to 100,000
Under 10,000

TABLE NO. 3.

Number of Mines, Output and Employes, by Counties, for Year 1920.

	Counties and Rank in Production	No. of Mines	Tons of Coal Produced	Total No. Employees
1	Monroe	22	2,488,963	3,238
2	Appanoose	74	1,504,019	3,312
3	Polk	20	1,147,812	1,681
4	Marion	20	842,777	1,375
5	Lucas	5	520,373	680
6	Dallas	5	445,679	667
7	Boone	5	318,927	509
8	Jasper	5	222,004	358
9	Wapello	33	159,498	425
10	Warren	1	90,333	135
11	Mahaska	18	67,860	114
12	Wayne	3	25,570	90
13	Page	2	11,962	38
14	Van Buren	6	9,677	26
15	Taylor	2	8,394	30
16	Adams	7	7,712	71
17	Keokuk	3	4,455	17
18	Guthrie	2	2,802	22
19	Webster	1	1,626	20
20	Jefferson	1	1,426	6
	Totals	235	7,881,839	12,814

The population statistics which follow have been specially adapted for this bulletin, from the 1920 Federal Census of Iowa. Table No. 4 shows population by counties, density per square mile, also urban and rural population, and is the foundation for the accompanying maps.

It should be explained that whereas the government figures on urban population included only cities and towns of over 2,500 persons, the table and maps as here compiled include all "incorporated" cities and towns regardless of size, which in our estimation represents better for our purpose the real urban population. Population statistics are included in this Directory to show the relation of urban to rural population of the various counties, and especially to indicate the localities of greatest density due to urban and manufacturing industries for which a large supply of labor is necessary.

The total population of Iowa is 2,404,021, with a density of 43.2 per square mile. The urban population is 1,322,710, and rural population 1,081,311; hence 55.02% is urban. Distribution between the counties, and the several centers of density, are easily determined by use of the maps which follow.

TABLE NO. 4.

Population of Iowa, by Counties, for 1920, Showing Density per Square Mile; also Urban and Rural Population.

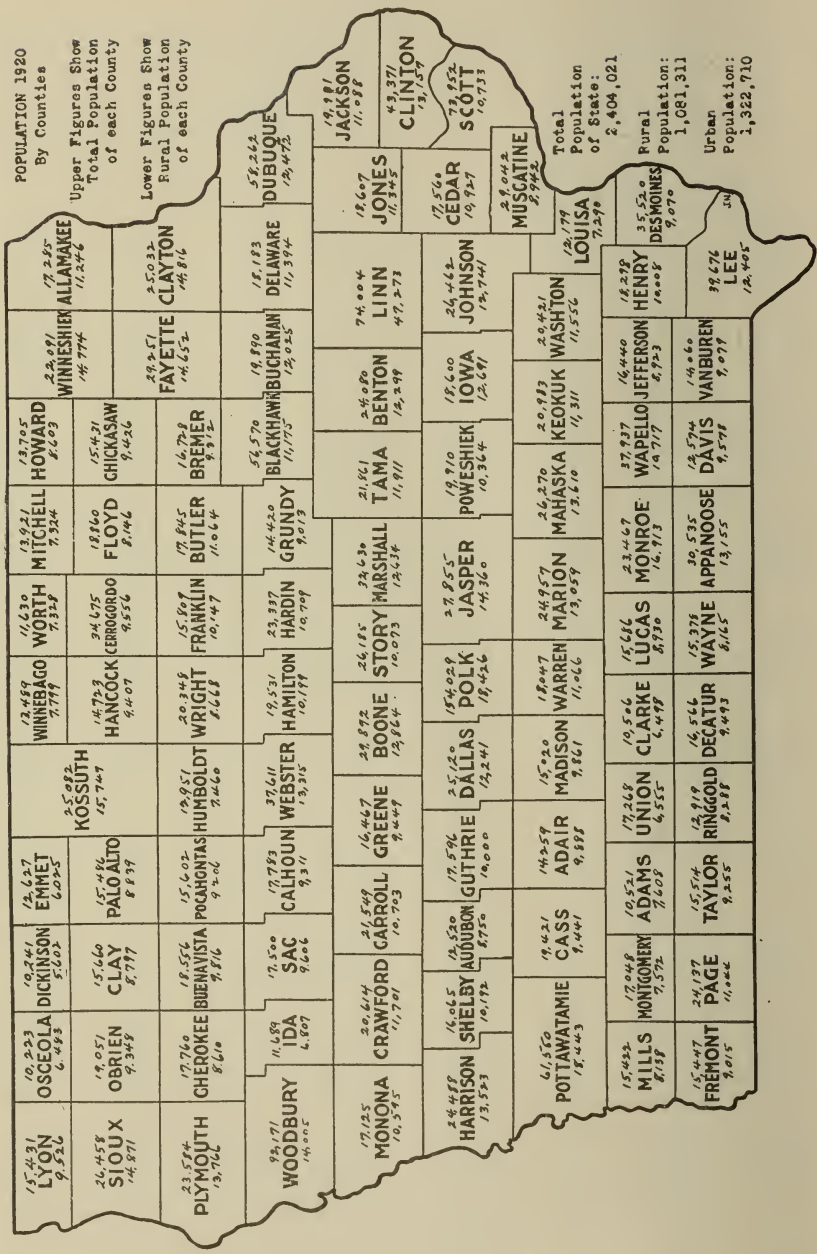
Note: Urban population includes all incorporated cities and towns.

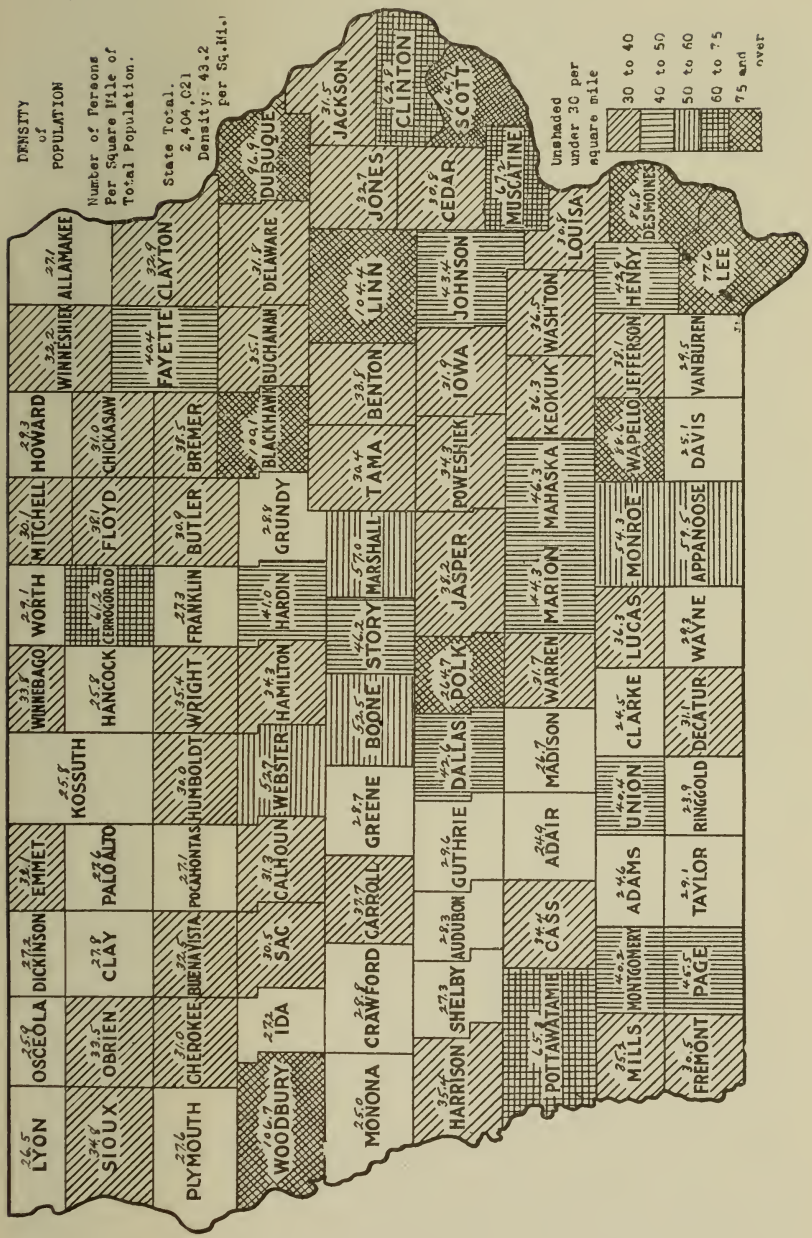
Counties	Total Population	Density per Sq. Mi. for Total Population	Urban Population	Rural Population
The State	2,404,021	43.2	1,322,710	1,081,311
Adair	14,259	24.9	4,371	9,888
Adams	10,521	24.6	2,913	7,608
Allamakee	17,285	27.1	6,039	11,246
Appanoose	30,535	59.5	17,380	13,155
Audubon	12,520	28.3	3,770	8,750
Benton	24,080	33.8	11,781	12,299
Black Hawk	56,570	100.1	45,395	11,175
Boone	29,892	52.5	17,028	12,864
Bremer	16,728	38.5	7,416	9,312
Buchanan	19,890	35.1	7,865	12,025
Buena Vista	18,556	32.5	8,740	9,816
Butler	17,845	30.9	6,781	11,064
Calhoun	17,783	31.3	8,472	9,311
Carroll	21,549	37.7	10,846	10,703
Cass	19,421	34.4	9,980	9,441
Cedar	17,560	30.8	6,633	10,927
Cerro Gordo	34,675	61.2	25,119	9,556
Cherokee	17,760	31.0	9,150	8,610
Chickasaw	15,431	31.0	6,005	9,426
Clarke	10,506	24.5	4,008	6,498
Clay	15,660	27.8	6,863	8,797
Clayton	25,032	32.9	10,216	14,816
Clinton	43,371	62.8	30,214	13,157
Crawford	20,614	28.8	8,913	11,701
Dallas	25,120	42.6	12,879	12,241
Davis	12,574	25.1	2,996	9,578
Decatur	16,566	31.1	7,073	9,493
Delaware	18,183	31.8	6,789	11,394
Des Moines	35,520	86.8	26,450	9,070
Dickinson	10,241	27.2	4,639	5,602
Dubuque	58,262	96.9	45,790	12,472
Emmet	12,627	32.1	6,602	6,025
Fayette	29,251	40.4	14,599	14,652
Floyd	18,830	38.1	10,714	8,146
Franklin	15,807	27.3	5,660	10,147
Fremont	15,447	30.5	6,432	9,015
Greene	16,467	28.7	7,018	9,449
Grundy	14,420	28.8	5,407	9,013
Guthrie	17,596	29.6	7,596	10,000
Hamilton	19,531	34.3	9,332	10,199
Hancock	14,723	25.8	5,316	9,407
Hardin	23,337	41.0	12,628	10,709
Harrison	24,488	35.4	10,965	13,523
Henry	18,298	42.9	8,290	10,008
Howard	13,705	29.3	5,102	8,603
Humboldt	12,951	30.0	5,491	7,460
Ida	11,689	27.2	4,882	6,807
Iowa	18,600	31.9	5,909	12,691
Jackson	19,931	31.5	8,843	11,088
Jasper	27,855	38.2	13,495	14,360

TABLE NO. 4—CONTINUED

Population of Iowa for 1920

Counties	Total Population	Density per Sq. Mi. for Total Population	Urban Population	Rural Population
Jefferson	16,440	38.1	7,517	8,923
Johnson	26,462	43.4	13,721	12,741
Jones	18,607	32.7	7,262	11,345
Keokuk	20,983	36.3	9,672	11,311
Kossuth	25,082	25.8	9,335	15,747
Lee	39,676	77.6	27,271	12,405
Linn	74,004	104.4	26,731	47,273
Louisa	12,179	30.8	4,889	7,290
Lucas	15,686	36.3	6,756	8,930
Lyon	15,431	26.5	5,905	9,526
Madison	15,020	26.7	5,159	9,861
Mahaska	26,270	46.3	12,660	13,610
Marion	24,957	44.3	11,898	13,059
Marshall	32,630	57.0	19,996	12,634
Mills	15,422	35.2	7,284	8,138
Mitchell	13,321	30.1	6,597	7,324
Monona	17,125	25.0	6,530	10,595
Monroe	23,467	54.3	6,554	16,913
Montgomery	17,048	40.2	9,476	7,572
Muscatine	29,042	67.2	20,100	8,942
O'Brien	19,051	33.5	9,703	9,348
Osceola	10,223	25.9	3,740	6,483
Page	24,137	45.5	13,093	11,044
Palo Alto	15,486	27.6	6,647	8,839
Plymouth	23,584	27.6	9,818	13,766
Pocahontas	15,602	27.1	6,396	9,206
Polk	154,029	264.7	135,603	18,426
Pottawattamie	61,550	65.3	43,107	18,443
Poweshiek	19,910	34.3	9,546	10,364
Ringgold	12,919	23.9	4,631	8,288
Sac	17,500	30.5	7,894	9,606
Scott	73,952	164.7	63,219	10,733
Shelby	16,065	27.3	5,873	10,192
Sioux	26,458	34.8	11,587	14,871
Story	26,185	46.2	16,112	10,073
Tama	21,861	30.4	9,950	11,911
Taylor	15,514	29.1	6,259	9,255
Union	17,268	40.4	10,713	6,555
Van Buren	14,060	29.5	4,981	9,079
Wapello	37,937	88.6	27,220	10,717
Warren	18,047	31.7	6,981	11,066
Washington	20,421	36.5	8,865	11,556
Wayne	15,378	29.3	7,213	8,165
Webster	37,611	72.7	24,296	13,315
Winnebago	13,489	33.8	5,690	7,799
Winneshiek	22,091	32.2	7,317	14,774
Woodbury	92,171	106.7	78,166	14,005
Worth	11,630	29.1	4,302	7,328
Wright	20,348	35.4	11,680	8,668


POPULATION 1920
By Counties
Upper Figures Show Total Population of each County
Lower Figures Show Rural Population of each County
Total Population of State: 2,404,021
Rural Population: 1,081,311
Urban Population: 1,322,710
LYON 15,431 9,526
OSCEOLA 10,223 6,498
DICKINSON 10,241 5,602
EMMET 12,627 6,095
KOSSUTH 25,082 15,747
WINNEBAGO 12,489 7,779
WORTH 11,630 7,328
MITCHELL 13,921 7,324
HOWARD 13,705 8,603
WINNESHIEK 22,091 14,774
ALLAMAKEE 17,295 11,246
SIOUX 26,458 14,271
O'BRIEN 19,057 9,349
CLAY 15,640 8,777
PALO ALTO 15,486 8,939
HANCOCK 14,723 9,407
CERRO GORDO 34,675 9,556
FLOYD 18,860 8,146
CHICKASAW 15,431 9,426
FAYETTE 29,951 14,632
CLAYTON 25,032 14,816
PLYMOUTH 23,574 13,762
CHEROKEE 17,760 8,610
BUENA VISTA 18,556 9,816
POCAHONTAS 15,602 9,206
WRIGHT 20,348 8,668
HUMBOLDT 19,851 9,460
FRANKLIN 15,867 10,147
BUTLER 17,845 11,064
BREMER 16,728 9,312
BUCHANAN 19,890 12,025
DELAWARE 18,123 11,394
DUBUQUE 58,262 18,472
WOODBURY 92,171 14,005
IDA 11,689 6,807
SAC 17,500 9,606
CALHOUN 17,783 9,311
WEBSTER 37,611 13,315
HAMILTON 19,531 10,199
HARDIN 23,337 10,709
GRUNDY 14,420 9,013
BLACKHAWK 56,570 11,775
MONONA 17,125 10,595
CRAWFORD 20,614 11,701
CARROLL 21,549 10,723
GREENE 16,467 9,449
BOONE 27,872 12,364
STORY 26,185 10,073
MARSHALL 32,630 12,434
TAMA 21,861 11,911
BENTON 24,080 12,299
LINN 74,004 47,273
JACKSON 19,181 11,088
HARRISON 24,458 13,523
SHELBY 14,065 10,112
AUDUBON 12,520 8,750
GUTHRIE 17,596 10,000
DALLAS 25,120 12,241
POLK 154,029 78,426
JASPER 27,855 14,360
POWESHIEK 18,710 10,364
IOWA 18,600 12,641
JOHNSON 26,462 19,741
JONES 18,607 11,345
CEDAR 17,560 10,927
CLINTON 43,371 31,159
POTTAWATTAMIE 61,570 15,463
ADAIR 14,259 9,595
CASS 19,421 9,441
MADISON 15,220 9,861
WARREN 18,047 11,466
MARION 24,957 13,059
MAHASKA 26,270 13,610
KEOKUK 20,913 11,311
WASHTON 20,421 11,556
MUSCATINE 29,042 21,942
SCOTT 73,852 70,733
MILLS 15,432 8,158
MONTGOMERY 17,048 7,572
ADAMS 10,521 7,608
UNION 17,268 6,555
RINGGOLD 12,919 8,288
CLARKE 19,546 6,498
DECATUR 16,566 9,493
LUCAS 15,686 8,930
WAYNE 15,376 8,165
MONROE 23,467 14,913
APPANOOSE 20,535 13,155
WAPELLO 37,937 19,717
DAVIS 12,574 9,578
JEFFERSON 16,440 8,723
HENRY 18,278 10,008
DES MOINES 35,520 9,070
LOUISA 12,779 7,250
VAN BUREN 14,460 9,079
LEE 39,476 12,405
FREMONT 15,447 9,015
PAGE 24,197 11,066
TAYLOR 15,514 8,255
RINGGOLD 12,919 8,288
DECATUR 16,566 9,493
WAYNE 15,376 8,165
APPANOOSE 20,535 13,155
DAVIS 12,574 9,578
VAN BUREN 14,460 9,079
LOUISA 12,779 7,250
DES MOINES 35,520 9,070
LEE 39,476 12,405


DENSITY of POPULATION
Number of Persons Per Square Mile of Total Population.
State Total. 2,404,021 Density: 43.2 per Sq. Mi.
Unshaded under 30 per square mile
30 to 40
40 to 50
50 to 60
60 to 75
75 and over
LYON 24.5
SIOUX 34.8
OSCEOLA 25.9
O'BRIEN 32.5
DICKINSON 27.2
CLAY 27.8
EMMET 34.1
PALO ALTO 27.6
KOSSUTH 25.8
WINNEBAGO 33.8
HANCOCK 25.8
WORTH 27.1
CERRO GORDO 44.2
MITCHELL 30.1
FLOYD 38.1
HOWARD 27.3
CHICKASAW 31.0
WINNESHIEK 32.2
ALLAMAKEE 27.1
PLYMOUTH 27.4
CHEROKEE 31.0
BUENA VISTA 27.5
POCAHONTAS 27.1
HUMBOLDT 28.0
WRIGHT 35.4
FRANKLIN 27.3
BUTLER 30.9
BREMER 36.5
FAYETTE 44.4
CLAYTON 33.9
WOODBURY 106.7
IDA 27.2
SAC 30.5
CALHOUN 31.3
WEBSTER 52.7
HAMILTON 34.3
HARDIN 41.0
GRUNDY 28.9
BLACKHAWK 109.1
BUCHANAN 35.1
DELAWARE 31.5
DUBUQUE 96.9
MONONA 25.0
CRAWFORD 28.8
CARROLL 37.7
GREENE 28.7
BOONE 52.5
STORY 46.2
MARSHALL 57.0
TAMA 30.4
BENTON 33.8
LINN 104.4
JONES 32.7
JACKSON 31.5
HARRISON 35.4
SHELBY 27.3
AUDUBON 28.3
GUTHRIE 29.4
DALLAS 42.6
POLK 246.7
JASPER 38.2
POWESHIEK 34.7
IOWA 31.9
JOHNSON 43.4
CEDAR 30.5
CLINTON 62.8
SCOTT 264.7
POTTAWATTAMIE 65.8
CASS 34.4
ADAIR 24.9
MADISON 26.7
WARREN 31.7
MARION 44.3
MAHASKA 46.3
KEOKUK 36.3
WASHTON 36.5
MUSCATINE 67.0
LOUISA 30.5
MILLS 35.2
MONTGOMERY 40.2
ADAMS 24.6
UNION 40.4
CLARKE 24.5
LUCAS 36.3
MONROE 54.3
WAPELLO 86.6
JEFFERSON 36.1
HENRY 42.9
DESMOINES 76.5
FREMONT 30.5
PAGE 46.5
TAYLOR 29.1
RINGGOLD 22.9
DECATUR 31.1
WAYNE 28.2
APPANOOSE 58.5
DAVIS 25.1
VANBUREN 29.5
LEE 77.6

IOWA PHYSICAL CHARACTERISTICS, CLIMATE, ETC.

(From Census of Iowa, 1915.)

The state, which is rectangular in form, embraces 55,586 square miles of land area and 561 square miles of water surface, a total of 56,147 square miles.

Every county of the state is an agricultural county. The surface is largely prairie, broken by streams and ridges or hills. The streams are fringed with timber and many groves have been cultivated. The elevation of the zero of the river gauge at Keokuk is 478 feet and the highest point, in the vicinity of Ocheyedan, Osceola county, is a little over 1,600 feet. As the top of the bluff at Keokuk is 100 feet above the gauge the range in elevation is only 1,100 feet.

The soil is a rich and deep glacial deposit filled with plant food in most accessible form. The climate also favors production. The cold of winter, while not as severe as in the state farther north, is sufficient to disintegrate the soil, and the rains and heat of summer, not as intense as in states farther south, are sufficient to insure bounteous crops. Situated near the geographical center of the United States, the climate of Iowa is continental in type. This implies a wide range in temperature, winters of considerable severity, summers of almost tropical heat and a large percentage of sunshine. There being but little range in elevation of the various sections, the climate is similar with only such variations of temperature and rainfall as result from latitude and location with reference to the pathway of the cyclones which pass eastward over the continent.

The average annual temperature for the state is 47.4 degrees. By seasons the averages are as follows, viz.: winter, 20.8; spring, 47.5; summer, 71.7; autumn, 49.7. The highest temperature registered in Iowa by a standard thermometer is 113 degrees, occurring in July, 1901, and the lowest is 47 degrees below zero, occurring in 1912. These extremes in temperature are rendered more endurable to man and beast by the prevalent dryness of the air at the time of their occurrence.

The largest annual amount of rainfall is in the southeastern portion of the state, where the average for the year is about 37 inches. It decreases gradually toward the northwest where the average amount is 27 inches. The average for the state is 31.97 inches. During the six crop months, April to September, inclusive, more than 71 per cent of the annual precipitation occurs, and, during the four

months of principal crop growth, May to August, inclusive, fully 52 per cent of the annual amount occurs.

From November to March the precipitation is light and only about 20 per cent of the annual amount. It comes, however, mostly in the form of snow, which is the best form possible for the protection of grasses and for preventing the washing and leaching of the soil in plowed fields.

The severe storms of winter, commonly known as "blizzards," are rare, and when they do occur do but little damage except in delaying railroad traffic for short periods of time.

During the winter months, the precipitation is considerably heavier over the eastern part of the state than it is in the western; but in the summer months conditions are reversed, the western part receiving a slightly larger amount. Much of the rainfall comes in the form of gentle showers, but occasionally, during the passage of a cyclonic area from the southwest to the lower lakes, heavy rainfall is general over a large part of the state and continues from one to two days. Many of the summer showers are attended by thunder and lightning, and a few by heavy downpours of rain, light to heavy hail and wind squalls, which do considerable damage to crops and buildings; but the area covered by such storms is small. Once in a great while a typical tornado strikes some small section of the state during May, June or July, but storms of that character are no more liable to occur in Iowa than in other portions of the mid-continent region.

From the middle of September to the middle of November, and occasionally to the middle of December, the weather is delightful. The sky is mostly clear, the days are warm and the nights just crisp enough to be a tonic and invigorator to man and beast.

Occasionally during the summer or early fall months short periods of drouthy weather prevail over all or part of the state, but there has been more damage done by an excess than by the absence of moisture. As the farming interests are so diversified, neither drouths nor the more destructive floods have ever caused an entire crop failure. During May and June, or the season of heaviest rainfall, it frequently happens that much of the flat prairie land in the north central part of the state and all the low bottom lands along the rivers become too wet or are flooded. These conditions offer a wide field of operations to the engineer in draining the flat and preventing floods on the bottom lands.

OTHER GENERAL INFORMATION ABOUT IOWA.

According to the 1920 Statistical Abstract of the United States, Iowa's population in 1920 was 875,495 urban and 1,528,526 rural (these urban figures are taken from a different basis than the population statistics given herein on page —.) Since in 1900 the urban percentage was 25.6%, and in 1910 30.6%, with 36.4% in 1920 the trend towards Iowa cities is very marked, especially when Iowa's lead in agricultural pursuits is considered.

With relation to tenure of homes, the latest figures as given by the 1920 Abstract are for year 1910. With a population at that time of 2,224,771, Iowa had a total of 498,943 dwellings, and 512,515 families. This made 4.5 persons to a dwelling and 4.3 persons to a family. As to ownership, of the 512,515 families having homes, 186,763 families owned homes free from mortgage, 101,962 owned mortgaged homes, and there were 4,226 unknown as to mortgage, a total of 292,951 owning homes; 208,344 families rented homes; and for 11,220 families the tenure was unknown.

Regarding Labor Organizations in Iowa, at the close of year 1919 there were 72 craft organizations with a total of 975 locals in the state. Membership in these locals, reported for December 31, 1919, included 79,589 males and 1,815 females, a total of 81,404.

Out of 42,982 business concerns in Iowa in 1920, there were only 123 failures, or 0.29 of a per cent.

With an average of six persons per motor car, Iowa ranks first in the Union in number of autos per population.

Iowa leads in literacy; her percentage of illiteracy is the least of all states in the Union.

Iowa leads the Union in production of corn; her 1920 corn crop was 473,800,000 bushels; Illinois, which ranked second, produced 294,168,000 bushels of corn during the same year.

In oats, Iowa also ranks first, with 229,866,000 bushels, and Illinois second, with 161,960,000 bushels.

In production of hay, Iowa ranks second; the three leading states in this crop follow: New York, 5,482,000 tons; Iowa, 4,350,000 tons; and Indiana, 4,252,000 tons of hay.

Iowa also ranks first in number of horses; the three leading states follow: Iowa, 1,398,000 head of horses; Illinois, 1,394,000 head; and Texas, 1,199,000 head.

Iowa ranks second in number of cattle, with a total of 4,483,000 head of milk cows and all other cattle; Texas ranks first, with 5,596,000 head.

In hogs, Iowa is far in the lead of all the other states. Iowa had a total of 10,010,000 hogs in 1920, and Illinois which ranks second for the same period, had 5,152,000 hogs.

Iowa has 15 cities of the first class, 90 cities of the second class, and 788 incorporated towns. The 105 cities are located in 89 counties of the state, leaving 10 counties without any cities of first or second class. There are nine cities or towns for each county and one for every 51 square miles, and there is one for every 1,200 persons on adjacent farms.

The latest data available concerning the number of persons engaged in gainful occupations is the 1915 Iowa Census, from which we submit the following classification:

Industries	Male	Female	Total	Per Cent
Agricultural pursuits	281,978	4,495	286,473	36.3
Professional service	21,121	30,307	51,428	6.5
Domestic and personal service	22,657	32,318	54,975	7.0
Trade and transportation	177,684	28,392	200,076	25.4
Manufacturing and mechanical pursuits	104,379	14,200	118,579	15.0
Laborers unclassified	76,750	403	77,153	9.8
Grand Total	678,569	110,115	788,684	100.0

For transportation facilities, Iowa has 104,027 miles of highways (this includes about 642,162 acres), and 10,493 miles of railroads, or one mile of railroad for each 224 persons and one mile for each 5 1-3 square miles. Iowa ranks fourth in the United States in railroad mileage. There has been only unimportant extension of railroads in the past ten years, generally to close up gaps and connect detached portions of systems, the net addition of track for the steam roads being only about 200 miles. However, every county seat has railroad facilities, as also has almost every town and village of a hundred or more inhabitants, and a fifteen-minute automobile journey connects every farm house in Iowa with a railroad station.

Iowa ranks first in per capita wealth.

Iowa is extreme in lowness of per capita debt, following only Kansas and Oregon, and Pennsylvania and West Virginia with no debt reported. The latest available statistics gives Iowa's per capita debt as $0.16, as against an average per capita debt of $3.57 for all of the states.

Iowa has an even distribution of natural resources and of population; unsurpassed fertility of soil; towns and small cities well

placed; factories scattered over the state; ample railway facilities; schools, churches, newspapers, railroads, market centers, manufacturing areas all in close proximity; two navigable rivers on the east and west (the Mississippi and Missouri rivers) which may be developed to greater extent if needed by commerce; everything in the state works towards industrial, economic and social progress.

ABBREVIATIONS FOR IOWA RAILROADS.

The following abbreviations are used to refer to principal railroad systems which reach the trade centers of Iowa:

A., T. & S. F.	Atchison, Topeka & Santa Fe
C. R. & I. C.	Cedar Rapids & Iowa City, electric
C. C. W.	Charles City Western, electric
C., B. & Q.	Chicago, Burlington & Quincy
C. G. W.	Chicago Great Western
C., M. & St. P.	Chicago, Milwaukee & St. Paul
C. & N. W.	Chicago & North-Western
C., R. I. & P.	Chicago, Rock Island & Pacific
C., St. P., M. & O.	Chicago, St. Paul, Minneapolis & Omaha
Ft. D., D. M. & S.	Fort Dodge, Des Moines & Southern, electric
G. N.	Great Northern
Ill. Cen.	Illinois Central
I. U.	Interurban Railway
M. & St. L.	Minneapolis & St. Louis
M. C. & C. L.	Mason City & Clear Lake
U. P.	Union Pacific
Wab.	Wabash
W., C. F. & N.	Waterloo, Cedar Falls & Northern, electric

DIRECTORY OF IOWA MANUFACTURERS

Classified by Cities and Towns with Kind of Goods Manufactured, Also Giving Population and Railway Facilities for Each Locality

Name of Firm by Location.	Goods Made
ACKLEY (1,529) Hardin County	
M. & St. L.; Ill. Cen. Rys.	
Ackley Canning Factory	Canned corn
Ackley Creamery Co.	Butter
Ackley Light, Heat and Power Co.	Electric light and power
Carstens Bros.	Iceless refrigerators, ventilators
Knickerbocker Roller Mills	Flour and feed
Adair (952) Adair County	
C. R. I. & P. Ry.	
Adair Co-op. Creamery Association	Butter
Adair News	Printing, publishing
Adair Roller Mills	Flour and feed
Big 4 Cement Works	Cement brick and tile
ADEL (1,455) Dallas County	
C. M. & St. P. Ry.	
Adel Clay Products Co.	Vitrified brick and tile
Adel Light & Power Co.	Electric light and power
Adel Milling Co.	Flour and feed
Dallas County Record	Printing, publishing
Harvey, Harry	Bakery products
News Publishing Co.	Printing, publishing
AFTON (926) Union County	
C. B. & Q. Ry.	
Farmers' Co-op. Creamery Co.	Butter
Star Enterprise	Printing, publishing
AKRON (1,324) Plymouth County	
C. M. & St. P. Ry.	
City Light Plant	Electric light and power
Cross, L. J. & Co. (Akron Ice Cream Co.)	Ice cream and soft drinks
Miller Milling Co.	Flour and feed
Register-Tribune	Printing, publishing
ALBERT CITY (567) Buena Vista County	
C. M. & St. P. Ry.	
Albert City Appeal	Printing, publishing
ALBIA (5,067) Monroe County	
C. B. & Q.; Wabash; M. & St. L.;	
C. A. & S.; Albia Int. Elec. Rys.	
Albia Light and Railway Co.	Electric light and power
Albia Packing Co.	Meats, etc.
Albia Union	Printing, publishing

Name of Firm by Location. Goods Made

Albia—Continued.

Diamond Bottling Works .....Mineral and soda waters
Edwards, Moses & Sons (Albia Roller Mills)...Flour and feed
Kregen, W. H. Companies .....Bread, butter, ice cream
Monroe County News .....Printing, publishing
Peterson and Stodgill .....Bakery products, ice cream
Porter Bros. .....Cigars
Republican Publishing Co. .....Printing, publishing
Senate Chamber Cigar Co. (Geo. Tucker).....Cigars
Tobey and Beckett .....Cigars

ALDEN (840) Hardin County
Ill. Cen.; C. & N. W. Rys.
Alden Co-op. Creamery Co.....Butter
Hale-Roberts Stone Co.....Crushed rock and stone

ALEXANDER (315) Franklin County
M. & St. L. Ry.
Farmers Creamery Co.....Butter

ALGONA (3,724) Kossuth County
C. & N. W.; C. M. & St. P.:
M. & St. L. Rys.
Advance Publishing Co.....Printing, publishing
Algona Bakery .....Bakery products
Algona Bottling Works .....Mineral and soda waters
Algona Brick & Tile Works .....Brick and tile
Algona Co-op. Creamery Co. .....Butter
Algona Granite & Marble Works
(Godden Monument Works).....Monuments, etc.
Algona Ice Cream & Candy Factory.....Ice cream, confectionery
Algona Mfg. Co. .....Machinery, line shafting, shafting hangers, engine trucks, pulleys, couplings
Algona Water & Electric Light Works .....Electric light and power
Guderian & Beiser .....Cigars
North American Engine Co.....Engine factory
Norton & Mayer .....General machine shop
Plum Creek Co-op. Creamery Co.....Butter
Spurbeck-Lambert Co. .....Creamery supplies
Upper Des Moines Republican .....Printing, publishing

ALLERTON (954) Wayne County
C R. I. & P. Ry.
Allerton News .....Printing, publishing

ALLISON (520) Butler County
C. G. W. Ry.
Allison Tribune .....Printing, publishing
Farmers Co-op. Creamery Co.....Butter

ALMONT (35—Not Inc.) Clinton County
C. & N. W. Ry.
Elk River Mills .....Flour and feed

ALPHA (125; not inc.) Fayette County
4½ miles from Waucoma, nearest shipping point.
Alpha Farmers Creamery Co. .....Butter

Name of Firm by Location.	Goods Made
ALTA (1,290) Buena Vista County	
Ill. Cen. Ry.	
Alta Advertiser	Printing, publishing
Alta Concrete Co.	Cement blocks
Alta Creamery	Butter, ice cream
Alta Electric Light & Water Works	Electric light and power
ALTA VISTA (355) Chickasaw County	
C. G. W. Ry.	
Alta Vista Creamery Assn.	Butter
ALTON (1,007) Sioux County	
C. & N. W.; C. St. P. M. & O. Rys.	
Alton Creamery Co.	Butter and ice cream
Alton Democrat	Printing, publishing
Independent Hog Remedy Co.	Hog tonic
Vander Meer, Cornelius	Cement products, tile, blocks
ALTOONA (502) Polk County	
C. R. I. & P.; I. U. Ry.	
Altoona Canning Co.	Canned corn
Altoona Herald	Printing, publishing
ALVORD (359) Lyon County	
G. N. Ry.	
The Alvord Register	Printing, publishing
AMBER (not inc.) Jones County	
C. & N. W. Ry.	
Amber Co-op. Creamery	Butter
AMES (6,270) Story County	
C. & N. W.; Ft. D., D. M. & S. Rys.	
Adams, Howard	Candy, etc.
Alexander Mfg. Co.	Garden tools
Allen Machine & Blacksmith Shop	Machine work
Ames Canning Co.	Canned corn
Ames Daily Tribune	Printing, publishing
Ames Electric Light Co.	Electric light and power
Ames Grain & Coal Co.	Feed
Ames Pure Ice Co.	Ice
Bates, Wm. S.	Bakery products
Chicago & Northwestern Ry. Shops	Car repairs, shop work
City Baking Co.	Bakery products
Iowa Public Service Co.	Gas and coke
Iowa State College Creamery	Butter, dairy products
King, Wm. L.	Printing
Logsdon's Dairy	Butter and milk products
Paradise Candy & Ice Cream Co.	Candy and ice cream
Princess Candy Co.	Candy and ice cream
Sherman Dairy	Ice cream, butter, milk, etc.
Tilden Mfg. Co.	Novelties, pennants, flags banners, etc.
ANAMOSA (2,881) Jones County	
C. & N. W. Ry.; C. M. & St. P. Ry.	
Anamosa Bottling Works	Mineral and soda water
Anamosa Cement Products Co.	Silos and blocks
Anamosa Eureka	Printing, publishing

Name of Firm by Location.	Goods Made
Anamosa—Continued.	
Anamosa Farmers Creamery Co.	Butter
Anamosa Gas Co.	Gas
Anamos Journal	Printing, publishing
Balknap, John A. (Boss Tile Spade Co.)	Tile spades
Iowa Electric Co.	Electric light, power
Metropolitan Supply Co.	Printing
Northrup, Cynthia	Carpets
Walton & Son	Marble and granite work

ANITA (1,236) Cass County
C. R. I. & P. Ry.

Anita Record	Printing, publishing
Anita Tribune Publishing Co.	Printing, publishing
Walnut Grove Hog Remedy Co.	Stock food

ANKENY (648) Polk County
C. & N. W.; Ft. D. D. M. & S. Rys.

Ankeny Times	Printing, publishing

ANTHON (783) Woodbury County
Ill. Cen. Ry.

Anthon Herald	Printing, publishing
City Light Plant	Electric light and power

APLINGTON (598) Butler County
Ill. Cen. Ry.

Buck Grove Creamery Co.	Butter

ARCHER (184) O'Brien County
Ill. Cen. Ry.

Archer Creamery Co.	Butter

ARLINGTON (729) Fayette County
C. M. & St. P. Ry.

Arlington Printing Co.	Printing, publishing
Farmers Creamery Co.	Butter

ARMSTRONG (818) Emmet County
C. R. I. & P. Ry.

Armstrong Cement Works	Cement blocks and tile, also electric light
Armstrong Journal	Printing, publishing

ARNOLD'S PARK (478) Dickinson County
C. M. & St. P. Ry.

Denis, Ira J.	Row boats and launches

ASHTON (610) Osceola County
C. & N. W. Ry.

Ashton Creamery	Butter, ice cream
Ashton Electric Light & Power Co.	Electric light and power
Ashton Leader	Printing, publishing

ATKINS (202) Benton County
C. M. & St. P. Ry.

Chicago, Milwaukee & St. Paul Ry. Shops	Car repairs, etc.
Rinderknecht Bros.	Cement tile, clay brick and tile

Name of Firm by Location.	Goods Made
ATLANTIC (5,329) Cass County	
C. R. I. & P.; Atlantic No. & So. Rys.	
Atlantic Bottling Works	Mineral and soda water
Atlantic Building Supply Co.	Brick and tile, blocks
Atlantic Canning Co.	Canned corn, pumpkin
Atlantic Gas Co.	Gas, illuminating
Atlantic Knitting Co.	Knit goods
Atlantic Light & Water Dept.	Electric light and power
Atlantic Mill & Elevator	Flour and feed
Atlantic Northern Ry. Shops	Car repairs, shop work
Atlantic Planing Mill	Mill work
Beener, Wm. C.	Bakery products
Central Iowa Poultry & Egg Co.	Ice, packed poultry
Dairy Stock Remedy Co.	Stock remedies
Gillett, Henry C.	Cigars
Grip Bow Tie Factory	Men's ties
Hawkeye Printing Co.	Printing
Jacobsen Machine Works	Machine work
News Publishing Co.	Printing, publishing
Purity Ice Cream Co.	Ice cream
Shrauger & Johnson	Novelties, barn cupolas, lightning rods
Swift & Company	Poultry, butter, egg packing
AUBURN (406) Sac County	
C. & N. W. Ry.	
Auburn Brick & Tile Co.	Brick and tile; electric light
Auburn Recorder, The	Printing, publishing
AUDUBON (2,108) Audubon County	
C. R. I. & P.; C. & N. W. Rys.	
Artificial Ice Co.	Artificial ice
Audubon Advocate	Printing, publishing
Audubon Canning Co.	Canned corn
Audubon Clay Products Co., Inc.	Brick and tile, blocks
Audubon Milling Co.	Flour and feed
Audubon Republican	Printing, publishing
Iowa Light, Heat & Power Co.	Electric light and power
Sharon Creamery Co.	Butter
AURELIA (708) Cherokee County	
Ill. Cen. Ry.	
Aurelia Sentinel	Printing, publishing
City Electric Light & Water Works	Electric light and power
Holmes, H. A.	Cement blocks and tile
Stutz Bros. Concrete Works	Cement blocks, tile, silo staves
AURORA (284) Buchanan County	
C. G. W. Ry.	
Aurora Observer	Printing, publishing
AUSTINVILLE (80) Butler County	
Ill. Cen. Ry.	
White Rose Creamery	Butter
AVOCA (1,482) Pottawattamie County	
C. R. I. & P. Ry.	
Centennial Mill Co.	Flour and feed
The Journal Herald	Printing, publishing

Name of Firm by Location.	Goods Made
AYRSHIRE (361) Palo Alto County	
M. & St. L. Ry.	
Ayrshire Chronicle	Printing, publishing
Silver Lake Creamery Co.	Butter
BAGLEY (505) Guthrie County	
C. M. & St. P. Ry.	
Montgomery, Frank	Cement blocks
BALLTOWN (70) Dubuque County	
Rural delivery from Waupeton.	
Balltown Farmers Co-op. Creamery	Butter
BANCROFT (902) Kossuth County	
C. & N. W. Ry.	
Bancroft Co-op. Creamery Co.	Butter
Bancroft Register	Printing, publishing
Humboldt Gravel & Tile Co.	Tile
Phelps, H. W.	Cement blocks
BARNES CITY (473) Mahaska & Poweshiek Counties	
C. R. I. & P. Ry.	
Barnes City Brick & Tile Co.	Brick and tile
BATAVIA (560) Jefferson County	
C. B. & Q. Ry.	
Batavia Brick & Tile Co.	Brick and tile
Harris, Charles	Cement blocks
The News	Printing, publishing
BATTLE CREEK (785) Ida County	
C. & N. W. Ry.	
Battle Creek Times	Printing, publishing
Churchill, Chas. E. Electric Light and Power Plant	Electric light and power
BAXTER (571) Jasper County	
C. G. W. Ry.	
Hager, August	Flour and feed
The New Era	Printing, publishing
BAYARD (727) Guthrie County	
C. M. & St. P. Ry.	
Bayard Co-op. Creamery Co.	Butter, packed poultry and produce
BEDFORD (2,073) Taylor County	
C. B. & Q. Ry.	
Anderson, Dr. T. E.	Poultry remedy
Bedford Creamery Co.	Butter
Bedford Free Press	Printing, publishing
Bedford Produce Co.	Butter, produce packing
Bridges, A. J.	Cistern filters and other sheet iron products
Continental Light Co.	Electric light and power
Evans, Walter	Ice Cream
Glore, H.	Harness
Hawkeye Lumber Co.	Mfr. cement blocks
Ideal Lumber Co.	Cement blocks
Iowa & Missouri Granite Works	Marble and granite monuments
Taylor County Tile Factory	Cement, tile
Times Republican	Printing, publishing
Willman, L. D.	Cigars

Name of Firm by Location.	Goods Made
BELLE PLAINE (3,887) Benton County	
C. & N. W. Ry.	
Belle Plaine Canning Co.	Canned corn
Belle Plaine Gazette	Printing, publishing
Belle Plaine Iowa Gas Co.	Gas, illuminating
Belle Plaine Union Herald	Printing, publishing
Buckeye Clay Products Co.	Brick and tile
Chicago & Northwestern Ry. Shops	Car Repairs, etc.
Clean Sanitary Grocery & Bakery	Bakery products
Farmers Creamery Co.	Butter
Iowa Railway & Light Co.	Electric light and power
Palmer Bros.	Foundry and machine shop products
Parks, James Shop	Mill work, lumber products.
Ward, S. P.	Cement blocks
BELLEVUE (1663) Jackson County	
C. M. & St. P. Ry.	
Bellevue Creamery Co.	Butter
Bellevue Herald	Printing, publishing
Bellevue Ice Co.	Ice
Bellevue Leader	Printing, publishing
Bellevue Pearl Button Works	Button blanks
Bellevue Pottery, The	Pottery, clay products
Bittner, L. Lumber Co.	Lumber and building material
City Electric Light Plant	Electric light and power
Crystal Ice & Fuel Co.	Ice
Dorchester & Hughey	Lumber
Entringer & Deppe Carpenter Shop	Sash, doors, mill work
Iowa Marine Engine & Launch Works	Marine engines, launches
Johnson, H. G., Piano Co.	Pianos
Reiling & Company	Flour and feed
BELMOND (1,797) Wright County	
M. & St. L.; C. G. W.; and C. R. I. & P. Rys.	
Belmond Cement Mfg. Co.	Cement blocks, etc.
Belmond Printing & Publishing Co.	Printing, publishing
Farmers Co-op. Creamery Co.	Butter
Iowa Valley Roller Mills	Flour and feed
United Mfg. Co.	Concrete machinery, steel fence posts, shingle mills, trip-hammers
BENNETT (362) Cedar County	
C. R. I. & P. Ry.	
Golden Star Creamery	Butter
BENSON (Not inc.) Black Hawk County	
Rural delivery from Cedar Falls, Iowa. Ill. Central Ry.	
Benson Dairy Co.	Butter
BETTENDORF (2,178) Scott County	
C. B. & Q.; C. M. & St. P.; D. R. I. & N. W.; Iowa & Ill. Electric Rys,	
Bettendorf Company, The	Steel freight cars and car frames
Bettendorf Oxygen-Hydrogen Co.	Welding gas
Bettendorf Stone Co.	Stone, crushed and rough

Name of Firm by Location.	Goods Made
Bettendorf—Continued.	
Davenport Mfg. Co., Inc.	Oil engines; jump spark cigar lighters; paper balers; rim-movers
Zimmerman Steel Co.	Steel and iron castings, stump pullers, wagon scales
BIRMINGHAM (539) Van Buren County C. B. & Q. Ry.	
The Enterprise	Printing, publishing
BLAKESBURG (380) Wapello County C. M. & St. P. Ry.	
Blakesburg Excelsior	Printing, publishing
BLANCHARD (429) Page County Wab.; I. S. W. Rys.	
Blanchard Mill & Elevator Co.	Flour and feed, grain
State Line Herald	Printing, publishing
BLOCKTON (524) Taylor County C. G. W. Ry.	
Blockton News	Printing, publishing
BLOOMFIELD (2,064) Davis County C. B. & Q.; Wab. Rys.	
Bloomfield Democrat	Printing, publishing
City of Bloomfield Electric Light Co.	Electric light and power
Davis County Republican	Printing, publishing
Duckworth, Henry W.	Bakery products
Good, L. E., Poultry Co.	Poultry packing
Hawkeye Cigar Co.	Cigars
Hopkins & Harper	Artif. ice, bottling works
BODE (513) Humboldt County C. R. I. & P. Ry.	
Baco Electric Co.	Electric carbon-arc soldering irons
Bode Bugle	Printing, publishing
Bode Creamery	Butter
BONAPARTE (656) Van Buren County C. R. I. & P. Ry.	
Fairfield Glove & Mitten Co.	Gloves and mittens
The Record	Printing, publishing
BOONE (12,451) Boone County C. & N. W.; C. M. & St. P.; Ft. D., D. M. & S. Rys.	
Adix Mfg. Co.	Hog racks
Ahrens, Martin	Harness
Boone Blank Book Co., 528 Story	Blank books, binding
Boone Brick, Tile & Paving Co.	Vitrified paving brick, fire proof hollow block
Boone Carriage Works	Wagons, buggies
Boone Clay Works Co.	Brick and tile
Boone Democrat Pub. Co., 717 Arden St.	Printing, publishing
Boone Foundry & Machine Works, 9th & Harrison	Builders hardware, mine cars, foundry work
Boone Gas Co.	Gas, illuminating

Name of Firm by Location.	Goods Made
Boone—Continued	
Boone Glove Works, 1021 Story	Gloves, awnings, tents
Boone Hosiery Mills	Hosiery, knit goods
Boone Linotype Composing Co., 812 Keeler	Composition work
Boone Machine Shop, 1026 8th St.	Machine work
Boone Marble Works, 714 Arden	Monuments
Boone News-Republican, 812-14 Keeler	Publishing
Cadd Marble Works	Monuments
Carswell-Hammond Mfg. Co.	Machinery for repairing autos
Chicago & North Western Shops	Car and locomotive repairs
Fleming Garden Tool Mfg. Co.	Combination hoe, rake, etc.
Ft. Dodge, Des Moines & Southern Electric plant	Electric light and power
Ft. Dodge, Des Moines & Southern Ry. Repair Shops	Car repairs, etc.
Goeppinger, L. & H., 710 Story	Saddlery
Holcomb Printing Co., 716 Keeler	Printing
Independent Publishing Co., 810 Story	Printing, publishing
Iowa Railway & Light Co.	Electric light and power
Johnstone Bakery Co., 628 Story	Bakery products
Linderblood's Bottling Works, 707 Keeler	Mineral and soda water
O'Connell, T. J.	Cement blocks
Peerless Ice Cream & Butter Co.	Ice cream, butter
Quinn Wire & Iron Works, 12th & Clinton	Wire products
Richardson, Fred H., 812 8th St.	Bakery products, candy and ice cream
Rocho Bros. Ice & Cold Storage Co.	Ice, cold storage service
Standard Printing Co., 814 1-2 Story	Printing
Stanley Skid Chain Co.	Auto Chains, etc.
United Laboratories	Toilet articles, perfumes
Washington Candy Kitchen	Candy
Western Mfg. Co.	Wood work
BOYDEN (419) Sioux County C. M. & St. P. Ry.	
Boyden Reporter	Printing, publishing
Farmers Co-op. Creamery Co.	Butter
BRADDYVILLE (294) Page County C. B. & Q. Ry.	
The Enterprise	Printing, publishing
BRAYTON (244) Audubon County C. R. I. & P. Ry.	
Brayton Cement Works	Cement blocks, tile, staves, posts, granite tombstones
BREDA (419) Carroll County C. & N. W. Ry.	
Breda News	Printing, publishing
Farmers Co-op. Creamery Co.	Butter
BREMER (60) Bremer County C. G. W. Ry.	
Bremer Creamery Co.	Butter
BRIDGEWATER (343) Adair County C. B. & Q. Ry.	
Bridgewater Times	Printing, publishing

Name of Firm by Location.	Goods Made
BRIGHTON (1,014) Washington County	
C. R. I. & P.; M. & St. L.; C. B. & Q. Rys.	
Brighton Canning Co.	Pickling, tomatoes
Brighton Enterprise	Printing, publishing
Bristow Printing Co.	Printing
Brighton Steam Sorghum Factory	Sorghum
Conrad, H. G.	Bakery products
Thompson, T. Mfg. Co.	Lightning rods
BRITT (1,619) Hancock County	
C. M. & St. P.; M. & St. L. Rys.	
Britt Creamery Assn.	Butter
Britt Light & Power Co.	Electric light and power
Britt News-Tribune	Printing, publishing
Hawkeye Wire Co.	Woven wire fence and gates
Strong, Stephen	Cement blocks
BROOKLYN (1,533) Poweshiek County	
C. R. I. & P. Ry.	
Brooklyn Chronicle	Printing, publishing
Brooklyn Creamery Co.	Butter and cream
Neff, Frank L.	Bakery products
BUFFALO (487) Scott County	
C. R. I. & P.; C. M. & St. P. Rys.	
Bald Brothers	Pearl button blanks
Dolese Bros. Co.	Crushed rock
Davenport Brick & Tile Co.	Cement blocks, brick, tile
Egger Bros.	Mineral and soda water
Hawkeye Pearl Button Co.	Pearl button blanks
Murer, Adolph	Bakery products
BUFFALO CENTER (894) Winnebago County	
C. R. I. & P. Ry.	
Buffalo Center Co-op. Creamery Co.	Butter
Buffalo Center Tribune	Printing, publishing
Cement Products Co.	Cement blocks
BURLINGTON (24,057) Des Moines County	
C. B. & Q.; C. R. I. & P.; Muscatine, Burlington & Southern; T. P. & W. Rys.	
Acres, Blackmar & Co., 312-14 N. Main	Printing, books, binding
Baum, Myron, 315 Jefferson	Bakery products
Bernard-Ellis Lumber Co., 101 So. 4th	Cement blocks
Blair Beverage Co.	Bottler, malt, brew
Blaul's, John Sons Co., 425 Valley	Coffee, spices, wholesale grocer supplies
Burlington Basket Co., Front & North Sts.	Baskets, willow ware, etc.
Burlington Box Co., 865 Osborn	Wooden boxes, crates, etc.
Burlington Bread Co., 876 Jefferson	Bakery products
Burlington Casket Co.	Caskets
Burlington Cigar Box Co., 118 S. 4th	Cigar boxes
Burlington Creamery Co.	Butter
Burlington Daily Gazette, 320 N. Main	Publishing
Burlington Gas Light Co., 300 Washington	Gas, illuminating
Burlington Granite & Marble Co., 801 Jefferson	Monuments
Burlington Hawkeye, 114 Jefferson	Publishing
Burlington Ice & Fuel Co., C. B. Q. Tracks	Ice

Name of Firm by Location.	Goods Made
Burlington—Continued.	
Burlington Produce Co.	Poultry and produce packing
Burlington Rubber Stamp Co., 116 Jefferson	Rubber stamps
Burlington Sanitary Milk Co.	Milk, butter, etc.
Burlington Tent & Awning Co., 313 N. Main	Tents and awnings
Burlington Vinegar & Pickle Works, Central Ave.	Vinegar, pickles, catsup, sauerkraut, etc.
Burlington Willow Ware Shops, 416 N. 3d St.	Willow ware, baskets, etc.
Burrus Granite Company, 831 Jefferson	Monuments
Canny Broom Co., 1141 Agency St.	Brooms
Carlson & Williams Co.	Cigars
Chicago, Burlington & Quincy Shops	Car and locomotive repairs
Chittenden & Eastman Co., 123 So. 3d.	Furniture, mattresses
Churchill Drug Co., 110 N. 4th	Drug preparations
Clinton-Copeland Co., 110 So. 4th	Confectionery
Davis Confection Co., 408 Jefferson	Confectionery
Dehner, Andy Cigar Co., 201 Jefferson	Cigars
Derby Mills Co., 860 Washington	Flour and feed; also planing mill products
Embalming Burial Case Co., 1105 Agency St.	Coffins
Empire Rug Co., 810 Jefferson	Rugs
Federal System of Bakeries, 410 Jefferson	Bakery products
Fourth Street Box Co., 118 4th St.	Wooden boxes
Frudeger Bros.	Bakery products, confections
Gardner & Gould Co., 230 So. 3d	Confectionery
Grothe, Frederick W., 1606 Division St.	Cigars
Guenther, Peter G., 615 Jefferson	Cigars
Haller, Frank, 1701 Osborn	Cigars
Hausknecht, Lionel O., 318 So. Leebrick	Ice cream
Heck, Wm. J., 215 So. Main	Cigars
Heinlen-Hine Co., 804-808 Osborn	Fire escapes, elevators, machinery, structural iron
Iowa Biscuit Co., 216 So. 3d	Crackers, bakery products
Iowa Hardewood Basket Co.	Baskets
Iowa Soap Co., 810 Valley St.	Soap
Iowa Stave Co.	Staves
Jacoby, J. H. & Co., 209 N. Main	Trunks, leather goods
Leopolk Desk Co., 914 Osborn	Office desks
Leyda & Co., 108 N. Main St.	Monuments
Lutz, Conrad & Son, 133 So. 3d	Printing, calendars
McConnell, S. R. & I. C. Co.	Harness, leather goods
McMullin & Woelhaf, 208 N. 5th St.	Printing
Mississippi Pearl Button Co., 102 Columbia	Pearl buttons
Model Bakery	Bakery products
Murray Iron Works, Washington & Central	Boilers, tanks, engines, machinery
Nafziger Baking Co.	Bakery products
Nairn-Gilles Co., 5th & Valley	Sash, doors, planing mill products
Noelke-Lyon Mfg. Co., N. Main & Bluff	Sash, doors, mill work
Northwestern Cabinet Co., Lucas and C. B. Q. Tracks	Kitchen cabinets
Northwestern Stamping Co.	Stamped novelties
Nurre Plate Glass Co.	Plate Glass

Name of Firm by Location.	Goods Made
Burlington—Continued.	
Peoples' Gas & Electric Co., 119 North Main	Gas, steam heat and electric light
Riverside Printing Co., 108 N. Main	Printing
Ryder, John J., 1200 Locust	Bakery products
Schram & Schmieg, 3d & Valley	Overalls
Shouers Bros. Co.	Furniture
Sorenson, P. A.	Cigars
Standard Bakery	Bakery products
Stine & Cousineau, 115 Jefferson	Cigars
Tabor Burns Co., Plane Street	Paper boxes
Vestesen, Chris, West Burlington, Iowa	Cement blocks
Weinrich Cooperage Co., Gnahn & Wittaker	Butter tubs, barrels, cooperage work
Western Stock Remedy Co.	Horse, hog, cattle and sheep remedies
Whistle Bottling Co., 826 Jefferson	Carbonated and mineral waters
Wiese, John C. (Burlington Top Co.)	Carriage tops
Witte, John H. & Sons, 206 Jefferson	Paints, stains, etc.
Wrage, Henry, 311 So. Main	Cigars
Wuellner, F. & Son, 6th & Washington	Wagons
Young, John F., 1301 N. 8th St.	Cigars

BURR OAK (300) Winneshiek County
3½ miles from Prosper, Minn., the nearest shipping point

Burr Oak Farmers Co-op. Creamery Co.	Butter

BURT (626) Kossuth County
C. & N. W. Ry.

Burt Co-op. Creamery Co.	Butter
Burt Monitor	Printing, publishing

BUSSEY (585) Marion County
C. B. & Q. Ry.

Bussey Record	Printing, publishing

BUXTON (3,500) Monroe County
C. & N. W. Ry.

Roberts, James	Cigars

CALMAR (1,039) Winneshiek County
C. M. & St. P. Ry.

Calmar Bottling Works	Mineral and soda water
Calmar Courier	Printing, publishing
Calmar Creamery Co.	Butter
Calmar Mfg. Co.	Sash, doors, mill work
Miller Wagon Co.	Wagons, sleighs, auto cab

CAMANCHE (610) Clinton County
C. B. & Q.; C. M. & St. P.; C. R. I. & P.; C. & N. W.; Davenport, R. I. & N. W.; I. & I. Rys.

Holmes & Son	Button blanks
Hugunin, Chas. E.	Button blanks

CAMBRIDGE (739) Story County
C. M. & St. P.; C. R. I. & P. Rys.

Cambridge Leader	Printing, publishing
Cambridge Packing Co.	Canned corn

Name of Firm by Location.	Goods Made
CANTRIL (440) Van Buren County	
C. B. & Q. Ry.	
Irwin, George	Electric light and power
CARLISLE (640) Polk County	
C. R. I. & P. Ry.	
Carlisle Clay Products Co.	Brick and tile
CARROLL (4,254) Carroll County	
C. & N. W.; C. G. W. Rys.	
Carroll Bakery	Bakery products, confections
Carroll Cigar Factory	Cigars
Carroll Granite & Marble Works	Monuments
The Carroll Herald	Printing, publishing
Carroll Post Card Co.	Post cards, pennants, illustrations
Carroll Roller Mills	Flour and feed
Chicago & North Western Ry. Shops	Car repairs, etc.
Citizens Gas Co.	Gas
Demokrat Printing Co.	Printing, publishing
Farrell's Bakery	Bakery products
Gross Mfg. Co.	Eveners, pole ends
Hall, W. H.	Cement blocks
Heider Mfg. Co.	Tractors, eveners, ladders
Iowa Light, Heat & Power Co.	Electric light, power
Jasten, John	Bakery products
Manning Creamery Co. (Branch Sta.)	Butter and cream
Parrott, W. B., Produce & Poultry Co.	Produce and poultry packing
Selzer Pure Food Products Co.	Butter, food products
Times Printing Co.	Printing, publishing
CARSON (692) Pottawattamie County	
C. R. I. & P.; C. B. & Q. Rys.	
Weeks, F. G.	Printing, publishing
CASCADE (1,249) Dubuque & Jones Counties	
C. M. & St. P. Ry.	
Cascade Co-op. Creamery Co.	Butter
Cascade Electric Light & Power Co.	Electric light and power
Cascade Flour & Saw Mills	Flour; also lumber
Cascade Pioneer	Printing, publishing
CASEY (908) Guthrie & Adair Counties	
C. R. I. & P. Ry.	
Casey Creamery Co.	Butter
Casey Vindicator	Printing, publishing
CASTANA (389) Monona County	
C. & N. W. Ry.	
Castana Times	Printing, publishing
CEDAR FALLS (6,316) Black Hawk County	
Ill. Cen.; C. G. W.; W. C. F. & N. Rys.	
Bundy, Allen W.	Monuments
Cedar Falls Brass Foundry	Brass castings
Cedar Falls Broom Co.	Brooms and brushes
Cedar Falls Canning Co.	Canned corn
Cedar Falls Creamery Co.	Butter

Name of Firm by Location.	Goods Made
Cedar Falls—Continued.	
Cedar Falls Record	Printing, publishing
Cedar Falls Scale Mfg. Co.	Scales
Cedar Falls Water & Electric Dept.	Electric light and power
Danevirke, The	Printing, publishing
Dayton Company	Auto supplies
Diamond Grinder Co.	Grinders
Du Mond Mfg. Co.	Washing machines
Iowa Gate Co.	Steel farm gates; clay lawn driers
Madigan, Ed.	Printing
Pawnee Tire & Rubber Co.	Tires and accessories
Peerless Machine Co.	Cement and concrete mixers
Standard Mfg. Co.	Steel gates
Universal Hoist & Mfg. Co.	Hoisting machinery, seed corn sorters
Viking Pump Co.	Hardware specialties, wagons and sleds
Waterloo & Cedar Falls Union Mill Co.	Flour and feed
Weisbard, Clinton C.	Sash, doors, fixtures, mi work
Wilcox & Stewart Foundry Co.	Gray iron castings
Woolverton Printing Co.	Printing

CEDAR RAPIDS (45,566) Linn County
C. & N. W.; C. M. & St. P.; C. R. I. & P.;
Ill. Cen.; Cedar Rapids and Marion;
Iowa Railway and Light Co. Rys.

Acme Feed Co., 520 S. 9th St. W.	Feed
Acme Machine Co., 312 N. 2nd St.	Machine work
Bain Bros. Mfg. Co.	Hog fountains, feeders, tank heaters, seed cor dryers and testers
Barker System of Bakeries	Bakery products
Barnett, Jos. & Co.	Lightning rods, fixtures, ornaments, copper cabl
Beck-Hawkeye Motor Truck Works, 605-610 6th Ave. W.	Auto busses, trucks, carriages, wagons
Bertschy Engineering Co., N. 16th St.	Metal work shapers, lead burning equipment peerless V belts
Blake Auto Co.	Auto repairs, hot shot manifold for autos
Bicycle Step Ladder Co., 216 S. 2nd West	Stepladders
Blue Valley Creamery Co., 400-404 9th Ave.	Butter
Boss Mfg. Co.	Mittens
Bredle, James V., 1554 Mt. Vernon Road	"Busy prong" hoes
Brems, J. F., 220 So. 1st St.	Bakery products
Bruner Granite Co.	Monuments, burial vaults
Butler, E. J. Co.	Hog and poultry feed
Cedar Craft Co.	Cedar chests
Cedar Rapids Boiler Works, 128 B Ave.	Smoke stacks, tanks, breeching, sheet iron work
Cedar Rapids Bottling Works, 118-120 N. 1st St. W.	Mineral and soda water
Cedar Rapids Candy Co., 412 A Ave.	Confectionery

Name of Firm by Location.	Goods Made
Cedar Rapids—Continued.	
Cedar Rapids Canning Co., 314 2nd Ave.	Canned corn and tomatoes
Cedar Rapids Engineering Co., 902 N. 17th St.	Auto gasoline engine valve grinders; cylinder grinding machines; tools, jigs
Cedar Rapids Foundry & Machine Co., 720 1st Ave. W.	Furnaces, power shears, speed governors
Cedar Rapids Gas Co., 327 So. 3d St.	Gas
Cedar Rapids Hog Remedy Co., 113 F Ave. W.	Hog remedies
Cedar Rapids Ice Cream Co.	Ice cream
Cedar Rapids Paper Box Co., Inc.	Paper boxes, cartons, shipping cases, etc.
Cedar Rapids & Marion Street Railway	Electric light and power
Cedar Rapids Printing Co.	Printing
Cedar Rapids Pump Co., G Ave. & C. N. W. Tracks	Pumps
Cedar Rapids Sash & Door Co., B Ave. & 6th St.	Office and store fixtures, furniture, mill work
Cedar Rapids Serum Co., 123 23d Ave. W.	Hog cholera serum
Cedar Rapids Tanning Co., 901 So. 2nd St.	Leather and fur tanning, fur robes, coats, fur garments
Cedar Rapids Tent & Awning Co.	Awnings
Cedar Rapids Universal Crusher Co., 211 N. 3d St.	Rock crushers, elevators, gas engines, trucks
Cedar Rapids Welding & Brazing Co., 207 4th Ave.	Welding and brazing
Cedar Rapids Woodworking Co., B Ave. N. & 6th West	Furniture frames
Cereal Products Co., 602 Dewey Ave.	Meal, feed, grain, etc.
Chandler Heater Co.	Boilers, furnaces
Chandler Pump Co., 1st Ave. & N. 8th St.	Pumps
Cherry, J. G. Co., 4th & 10th Ave.	Egg case fillers, creamery supplies and equipment
Chicago, Milwaukee & St. Paul Shops	Car and locomotive repairs
Chicago & North Western Shops	Car and locomotive repairs
Chicago, Rock Island & Pacific Shops	Car and locomotive repairs
Clark-MacDanel Co., 210 B Ave.	Overalls, men's clothing
Coca Cola Bottling Co.	Coca cola, etc.
Commercial Art Engravers, 526 2nd Ave.	Engraving
Currell Purity Baking Co., 326-330 6th Ave. W.	Bakery products
Damour, F. W., 317 2nd Ave.	Bakery products
Dearborn Brass Co., B Ave. & N. 8th St.	Brass castings
Disbrow Sash & Door Co., 1st St. & 7th Ave.	Sash, doors, mill work
Dobry, John Mfg. Co., 535 H Ave. W.	Stock remedies, hog conditioner, liniment
Drevikovsky, Joseph, 1620 M Ave. W.	Cigars
Eagle Bottling Works	Mineral and soda water
Edinger, Edward Co. The, 600 D Ave. W.	Cut stone for building
Educational Supplies Co.	School supplies, printing
Electric Specialty Mfg. Co., 426 Granby	Electric specialties, cable testers, pipe locators
Elgin Motor Power Mfg. Co.	Auto supplies, brackets, tire racks, carbon torpedoes, patches

Name of Firm by Location.	Goods Made
Cedar Rapids—Continued.	
Enterprise Box Co., 720 1st Ave. W.	Paper boxes
Evans Mfg. Co.	Overalls, work clothing
Farmers Friend Live Stock Remedy Co.	Stock remedies
Fawcett, C. E., 119 3d Ave.	Machinery patterns
Feather Mattress Co., 1643 Ellis Blvd.	Folding mattresses, pillows, down comforters
Federal System of Bakeries	Bakery products
Foster Brass Foundries	Bearings, bronze tablets, plumbing goods, bushings, castings, patterns
Fraternity Jewelry Mfg. Co., 223 1st Ave.	Jewelry
Fulkerson, J. C., 631 So. 2nd St.	Cement stone, blocks
Gazette Co., The, 85-89 1st Ave.	Printing, publishing
General Ordnance Co., 8th Ave E. Walnut	Motor farm tractors
Goodyear Heater Co., 1637 A Ave.	Red ball tank heater
Goodyear-Marshall Pub. Co., 401 Mullin Bldg.	School supplies
Great Central Tobacco Works	Cigars
Grissel, J. P., Cornice Co., 614 1st St. So.	Metal ceilings, sky lights, special galvanized sheet metal work
Hall Mfg. Co.	Augers, steel baskets, farm implements and tools, hoists, vehicle tongues
Handy Sack Baler Co., 639 A Ave. W.	Sack wire balers
Hansen, N. Fr., Publ. Co., 412-416 1st Ave.	Publishing
Harnish, G. H., 325 2nd Ave.	Candy
Harris, A. J. & Son, 613 3d Ave. W.	Cutlery
Hawkeye Conveyor Co., 325 2nd Ave.	Coal unloading machinery
Hawkeye Lightning Rod Co.	Lightning rods
Hawkeye Lumber & Coal Co.	Mill work manufacturers
Hayek, Joseph, 408 6th Ave. West	Cigars
Hepner Rug & Renovating Works, 1020 2nd Ave. West	Rugs
Hetherington Letter Co.	Rubber stamps, form letters
Holland Furnace Co.	Furnaces
Howard-Holt Mfg. Co.	Hospital supplies and physician's supplies
Hubbard Ice & Coal Co., 1132 N. 1st St. W.	Ice
Hutchinson Company, 519 H. St. W.	Ice cream
Ideal Yeast Co.	Yeast, malt, baking powder
Imperial Furniture Co., 12 Ave. W. N. E. corner 6th	Furniture
Inskeep, C. Chambers Co., 222 S. 2nd St.	Optical goods, automatic engraving machines
Iowa Cylinder & Piston Co.	Cylinders and pistons
Iowa Optical Co.	Optical goods
Iowa Printing Co., 1123 S. 3d St.	Printing, publishing
Iowa Electric Co., Gen. Office Dows Bldg.	Electric light and power
Iowa Railway & Light Co., Gen. Office Dows Bldg.	Electric light, power
Iowa Falls Electric Co., Gen Office Dows Bldg.	Electric light, power
Iowa Steel & Iron Works, 4th Ave. & 12th St., West	Fire escapes, structural iron work, etc.

Name of Firm by Location.	Goods Made
Cedar Rapids—Continued.	
Iowa Windmill & Pump Co., 42 7th Ave. W.	Pumps, windmills, steel tanks, wood tanks
Jackson Grain & Mill Co.	Corn meal, hominy, feed graham, chops, etc.
Johnson Gas Appliance Co., 520 E. Ave. W.	Gas furnaces, fixtures
Kaufman, T. A., 639 A Ave. W.	Ornamental and building cement blocks
Kaupke Coffee Co.	Coffee, extracts, teas, spices
Kilborn Photo-Paper Co., 116 1st Ave.	Photographic paper
King Crown Plaster Co., 98 1st Ave. W.	Plaster and building blocks
Krebs, Wm. M., 1010 3d Ave. W.	Monuments
Langton Sawmill Co.	Chair stock, wagon stock
La Plant-Choate Mfg. Co., 604 Eastlack St.	House movers supplies, stump pullers
Lattner, Paul N., Mfg. Co., 515 F Ave., W.	Steam generators for autos water still for batteries
Laurance Press Co., 414 1st Ave.	Printing, publishing
Le Febure Ledger Co., 2d Ave. West	Ledgers, blank books
Leonard Hi-Oven Range Co., N. 16th & H Ave.	Stoves and ranges
Letovsky & Son, 418 1st Ave.	Printing, publishing
Lilly Printing Co., 125 N. 3d St.	Printing
Liquid Malted Milk Co.	Malt products
Little Franklin Cigar Co., 118 N. 1st W.	Cigars
Lyman Bros. Co.	Millinery
Maurer Bakery, 204 N. 1st West	Bakery products
Metcalf, T. S., 109-111 S. 2d St.	Printing
Milholen, B. D.	Mattresses
Morrison, Tnomas, Pattern Shop, 804 1st Ave. W.	Patterns
Mt. Vernon Ave. Bakery, 901 Mt. Vernon	Bakery products
National Oats Co., 16th & F Ave.	Oatmeal cereals, food preparations
National Semaphore Signal Co.	Automobile traffic signals
Nicoll-Dysart Candy Co., 415 5th Ave.	Candy
Parlor City Carriage Works, N. 2d & 1st Ave. W.	Wagons and bodies
Parlor Furniture Mfg. Co., 7th Ave. & 4th St.	Furniture
Peerless V Belt Co., 802 N. 16th St.	Machinery belts
Pelton Broom Co., 9th Ave. & N. St. West	Brooms
Penick & Ford (Successors to Douglas Co.)	Starch, corn syrup, corn oil
Popenhagen, F. M., 1207-1215 G Ave., East	Cement burial vaults
Prucha, Alois F., 1548 Mt. Vernon Ave.	Cigars and tobacco
Pure Food Baking Co., 306-310 6th Ave.	Bakery products
Quality Baking Co., 413 2d Ave. W.	Bakery products
Quaker Oats Co., C Ave. & 3d St.	Oat cereals, feed, food preparations
Rabus & Toeller, 119 So. 1st St., W.	Patterns, models, foot presses, dies, punches
Rawson Ice Cream Co., 614 3d Ave.	Ice cream
Record Press Co., 115 E. Ave., W.	Printing
Redmon, Edgar & Redmon	Dish washers (electric and hand power), tray carriages, potato peelers (electric), steam tables.
Reliance Ring Co.	Piston rings
Republican Printing Co., 382 So. 3d St.	Printing, publishing
Riggs Optical Co., Box 298	Optical goods
Russell Bros. Co., 210 E. Ave. West	Ice cream
Russell's Railway Guide Co., 817 2d Ave.	Publishing

Name of Firm by Location.	Goods Made
Cedar Rapids—Continued.	
Ryan-Eastman Co., 139 N. St., West	Carbon remover
S. R. Cigar Co., 62 16th Ave., W.	Cigars
Sanitary Dairy Co., 132 E. Ave., W.	Butter, ice cream and condensed milk
Scheer-Davis Co.	Ladies' cloaks
Schmidt, G. R., 115 So. 1st St.	Awnings and tents
Schoen, N., 210 3d Ave.	Furs and fur goods
Searles Granite Co., 516 3d Ave.	Monuments
Severa Drug Co., 4th Ave. & 1st St.	Medicines, toilet articles
Shaver-Blake Co.	Washing compound, blueing
Shores-Mueller Co., N. 16th & F Ave.	Medicines, toilet preparations
Simon, Joseph & Son, 117 3d Ave., E.	Cigars
Simon Trunk Mfg. Co.	Trunks
Sinclair, T. M. & Co., 3d St. & 16th Ave.	Slaughtering, meat packing
Souvenir Lead Pencil Co., 202-204 F Ave. W.	Souvenir lead pencils and adv. novelties
Spitznagle's Bakery, 708 So. 3d St.	Bakery products
Sporman Cornice Co., 550 H Ave., W.	Cornices, copper and sheet metal products
Starman, Jos. Machine Co.	Auto parts, grinding wheels
Star Printing Co., 125 3d Ave.	Printing, rubber stamps, duplicating books, blanks
Starry's Foundry, 930 So. 4th St.	Foundry products
Steel Basket Co., 712 So. 3d St.	Steel baskets, measures, coal chutes, etc.
Tokheim Mfg. Co., 815 N. 1st St., W.	Oil pumps, tanks
Torch Press, 4th Ave. & 3d St.	Printing, books, etc.
Tribune Publishing Co., 210 3d Ave.	Printing, publishing
Union Marble & Granite Works	Monuments, etc.
Universal Foundry Co., 1791 1st Ave.	Castings
Vac Liquid Equipment Co., 1125 C Ave., W.	Oil pumps, tanks
Vernier Mfg. Co., 900 3d Ave., W.	Silos and tanks, of wood and steel
Watson's Bakery	Bakery products
Welch-Cook Co., 321 So. 3d St.	Men's clothing
White House Garment Co., 213 S. 1st St., W.	Aprons and house dresses
Williams & Hunting, 445 So. 1st, W.	Planing mill products
Wingert-Leefers, 3d floor Mullin Bldg.	Printing
Wonder Dandruff Cure Co.	Dandruff remedies, cosmetics, face lotions

CENTER JUNCTION (225) Jones County
C. M. & St. P.; C. & N. W. Rys.

Farmers Creamery Co.	Butter

CENTER POINT (773) Jones County
C. R. I. & P. Ry.

Center Point Canning Factory	Canned corn
Center Point Independent	Printing, publishing

CENTERVILLE (8,486) Appanoose County
C. R. I. & P.; M. & St. L.;
C. B. & Q.; Southern Iowa Traction Co.;
Centerville, Albia & Southern Ry. Co.

Centerville Bottling Works	Mineral and soda water

Name of Firm by Location.	Goods Made
Centerville—Continued.	
Centerville Brick Co.	Brick
Centerville Granite & Marble Works	Monuments, vaults, building stone
Centerville Gypsum Co.	Gypsum, artificial stone
Centerville Journal	Printing, publishing
Centerville Sheet Metal Works	Cornices, ventilators and skylights, etc.
Centerville Timber Co.	Mine props
Chicago, Burlington & Quincy Shops	Car and locomotive repairs
Douglas Ice Cream Co.	Ice Cream
Dr. Eells Medicine Co.	Proprietary medicines
Graham & Crawford	Corn meal and feed
Hagerman & Son	Bakery products
Henderson, H. L.	Cigars
Hercules Mfg. Co.	Stump pullers, mine car wheels and steel castings
Iowa Southern Utilities Co.	Electric light and power, gas, heat
Iowa Timber Co.	Mine props
Iowegian Printing Co.	Printing, publishing
Judy Mfg. Co.	Cement mixers, mine car wheels, universal joints, castings
Laundry Queen Steam Washer Co.	Washing machines
Milani, Gus	Ice cream
Pure Ice Company	Ice
Purity Bakery	Bakery products
Sanitary Bakery	Bakery products
Strickler Creamery Co.	Creamery products, ice cream
Swift & Company	Butter, poultry and produce packing

CENTRAL CITY (688) Linn County
Ill. Cen. Ry.

Central City News-Letter	Printing, publishing
Henderson, P. G. & Son	Butter
New Process Milling Co.	Feed
Tri-State Utilities Co.	Electric light and power
Valley Farmers Creamery Co.	Butter

CHARITON (5,175) Lucas County
C. B. & Q.; C., R. I. & P. Rys.

Chariton Ice Co.	Ice
Chariton Leader	Printing, publishing
Chariton Publishing Co.	Printing, publishing
Chariton Saddlery Co.	Harness, saddlery
Curtis, John H. & Son	Brooms
Douglas Ice Cream Co.	Ice cream, butter
Eikenberry & Co.	Flour and feed
Flatt, J. C.	Ice cream, candy
Harding, O. D.	Monuments, etc.
Hester, C. B.	Silo blocks
Johnson Bros. Mfg. Co.	Haystackers, sweeprakes, foundry and machine work
Peoples Gas & Power Co.	Gas, electricity
Schrieber Carriage Mfg. Co.	Carriages, wagons
Southern Iowa Electric Co.	Electric light and power

Name of Firm by Location.	Goods Made
Chariton—Continued.	
Star Bakery Co.	Bakery products
Superior Bottling Co.	Mineral and soda water
Tacker Bakery	Bakery products

CHARLES CITY (7,350) Floyd County
Ill. Cen.; C. M. & St. P.;
Charles City Western Rys.

American Engine Co.	Engines
Burnham Mfg. Co.	Tanks, hay racks, wagons, washing machines
Cedar Valley Electric Co.	Electric light and power
Cedar Valley Mill Co.	Flour and feed
Charles City Artificial Ice Co.	Ice
Charles City Bottling Works	Mineral and soda water
C. C. C. Block Co.	Cement blocks
Charles City Creamery Co.	Butter
Charles City Daily Press	Printing, publishing
Charles City Gas Co.	Gas, illuminating
Daily News, The	Printing, publishing
Familian Freund	Printing, publishing
Fisher-Morris Co.	Office, store and bank fixtures
Hart-Parr Co.	Oil engines, threshers, plows, tractors
Hawkeye Vulcanizing Co.	Vulcanizing
Horn, H. C.	Bakery products
Martens Bros.	Wagons
Moss, W. E.	Foundry work
Pure Food Bakery	Bakery products
Puritan Ice Cream Co.	Ice cream
Smith, Geo. P. Co.	Sash, doors, mill work
Sylvester, C. A.	Wagons, buggies
Torrence Printing Co.	Printing

CHARLOTTE (464) Clinton County
C. & N. W. Ry.

Charlotte Creamery Co.	Butter
Gault, Andrew W.	Printing, publishing
Schmidt, C. P.	Harness, leather goods

CHARTER OAK (750) Crawford County
C. M. & St. P. Ry.

Charter Oak Times	Printing, publishing
Grabow, John	Cigars

CHEROKEE (5,824) Cherokee County
Ill. Cen. Ry.

Caswell Mfg. Co.	Belt guides, binder hitches
Cherokee Creamery and Bottling Works (Goeb Bros.)	Butter, ice cream, soft drinks
Cherokee Democrat	Printing, publishing
Cherokee Electric Co.	Electric light and power
Cherokee Gas Co.	Gas
Cherokee Guide Co.	Tractor guides and hitches
Cherokee Mfg. Co.	Machine work
Cherokee Monument Co. (Caryl B. Holden)	Monuments, stone work
Cherokee Rug Works	Rugs and carpets
Cherokee Stock Remedy Co.	Stock remedies
Home Bakery	Bakery products

Name of Firm by Location.	Goods Made
Cherokee—Continued.	
Illinois Central Railway Shops	Car repairs
Pritchard Remedy Co.	Proprietary medicines
Salsberry, C. W.	Photo printing device
Stewart Co., The	Shipping crates, farm equipment
Stowell and Ogilvy	Bakery products
Times Publishing Co. (The Cherokee Times)	Printing, publishing
Wilson, A. M. Co.	Garters, men's furnishings
CHESTER (237) Howard County	
C. M. & St. P. Ry.	
Farmer's Co-op. Creamery Assn.	Butter
CHURCH (50) Allamakee County	
7 miles from Lansing, nearest shipping point	
Calhoun Creamery Co.	Butter
CHURDAN (763) Greene County	
C. M. & St. P. Ry.	
Churdan Reporter	Printing, publishing
CINCINNATI (1,301) Appanoose County	
C. B. & Q. Ry.	
The Review	Printing, publishing
CLARENCE (693) Cedar County	
C. & N. W. Ry.	
The Clarence Sun	Printing, publishing
CLARINDA (4,511) Page County	
C. B. & Q. Ry.	
Clarinda Bottling Works	Mineral and soda water
Clarinda Journal	Printing, publishing
Clarinda Lawn Mower Co.	Lawn mowers, washing machines
Clarinda Printing Co. (The Herald)	Printing, publishing
Clarinda Rug Works	Rugs
Dunn Mfg. Co.	Auto parts, counter-balances and fender braces for Fords
Hawkeye Advertising Co.	Medicinal and toilet articles
Heflin, Chas.	Cigars
Lee Electric Co.	Electric light, power, ice
Lisle Mfg. Co.	Well drilling machinery, castings, foundry work
Martindale, J. W. & Son	Bakery products
Owen & Owen Bakery	Bakery products
Page County Democrat	Printing, publishing
Shambaugh Milling Co. (Clarinda Flouring Mills)	Flour
Swift & Company	Poultry packing, creamery butter
Williams & Dunn	Monuments
CLARION (2,826) Wright County	
C. R. I. & P.; C. G. W. Rys.	
Chicago, Great Western Ry. Shops	Car and locomotive repairs
Clarion Creamery Co.	Butter and ice cream

Name of Firm by Location.	Goods Made
Clarion—Continued.	
Clarion Produce Co.	Poultry, eggs, butter, hides
Clarion Roller Mills	Flour
Clipper, Inc., The	Printing, publishing
Neilson, C. A.	Bakery products
Wright County Monitor	Printing, publishing
CLARKSVILLE (1,003) Butler County C. R. I. & P. Ry.	
Barr, Fred C.	Marble monuments, etc.
Cedar Valley Electric Co.	Electric light and power
Clarksville Canning Co.	Corn
Clarksville Creamery	Butter
Clarksville Star	Printing, publishing
CLAYWORKS (250) Webster County M. & St. L. Ry.	
Johnson Bros. Clay Works	Brick
CLEARFIELD (665) Ringgold and Taylor Counties C. B. & Q. Ry.	
Anderson, John	Cement blocks
Clearfield Enterprise	Printing, publishing
Union Stock Powder Co.	Stock food
CLEAR LAKE (2,804) Cerro Gordo County C. M. & St. P.; M. C. & C. L. Rys.	
Anderson, E.	Sash and doors
Clear Lake Electric Light & Power Co.	Electric light and power
Clear Lake Mirror	Printing, publishing
Clear Lake Reporter	Printing, publishing
Comstock, C. F.	Cigars
Cope, Oliver W.	Harness
Farmers Mutual Co-op. Creamery Co.	Butter
Paulson & Jensen	Wagons
Sawyer, J. E. Creamery	Butter
Thayer, Marion L.	Cigars
CLEMONS (216) Marshall County M. & St. L. Ry.	
Minerva Valley Creamery Co.	Butter
CLERMONT (681) Fayette County C. R. I. & P. Ry.	
Bigler, Fred A.	Harness
Clayloid Company	Toilet and mechanical and laundry soap
Clermont Brick & Tile Co.	Brick and tile
Clermont Enterprise	Printing, publishing
Clermont Valley Creamery Co.	Butter
Northeastern Iowa Power Co.	Electric light and power
CLEVES (50) Hardin County C. R. I. & P. Ry.	
Cleves Creamery Co.	Butter
CLINTON (24,151) Clinton County C. & N. W.; C. M. & St. P.; C. B. & Q.; Davenport, Rock Island & North Western; C. R. I. & P. Rys.	
Advertiser Publishing Co., 228-230 6th Ave.	Printing, publishing
Allen Printing Co., 135 5th	Printing

Name of Firm by Location.	Goods Made
Clinton—Continued.	
Anderson Furniture Co., 100-102 Elm Ave.	Tables, kitchen cabinets
Anderson & Winter Mfg. Co., 106 Main	Furniture
Arbor Ice Cream Co., 111 So. 4th St.	Ice cream
Arlen Bros., 600 So. 1st St.	Mineral and soda water
Bonneman & Zingleman (Lyons)	Mustard
Boyce, J. A., Bakery, 916 So. 4th	Bakery products
Boyce, Wm. L., 703 N. 2nd	Marble works
Brennan's Rug Works	Rugs
Calnan, Thomas H., 914 4th	Cigars
Cawley, Charles W., 207 Main (L)	Cigars
Champion Feed Milling Co., Wilson Bldg.	Molasses feed for cattle and hogs
Chicago & Northwestern Shops	Car and locomotive repairs
Climax Engineering Co.	Kerosene engines
Clinton Book Bindery, 100 N. 2nd St.	Book binding
Clinton Bridge Works, 101 So. 2nd	Bridges, structural iron work
Clinton Corn Syrup Refining Co.	Corn syrup, by-products, sugar refining
Clinton County Advocate, 300 Main (L)	Printing, publishing
Clinton Furniture Co.	Furniture
Clinton Gas & Electric Co., 501 So. 2nd Ave.	Gas and electricity
Clinton Herald Co., 221 6th Ave.	Printing, publishing
Clinton Ice Cream & Artif. Ice Co., 105 7th Ave.	Ice cream and ice
Clinton Journal	Printing, publishing
Clinton Lock Co., 8th Ave. & 4th	Locks, builders hardware
Clinton Marble & Granite Works	Monuments
Clinton Refrigerating Co.	Refrigerating machines and equipment
Clinton Rendering Works	Axle grease
Clinton Rug Co., 405 N. 2nd	Carpets and rugs
Clinton Saddlery Co., 902 3d	Saddlery, harness, leather goods
Clinton Steam Bakery	Bakery products
Clinton Sign Co., 134 5th Ave.	Electric and other signs
Clinton Wire Cloth Co. (Lyons)	Wire screen
The Collis Co.	Iron, wire and steel specialties
Cullen Co., The, 8th Ave. & 1st	Boilers, tanks, stacks, sheet metal products
Curtis Bros. & Co., 1200 So. 2nd	Sash, doors, mill work
Disbrow, M. A. & Co.	Sash, doors, mill work
Dunkleberger, C. W., 844 4th Ave.	Furniture and fixtures
Ebensberger, Wm. B., 123-125 4th Ave.	Ice cream
Electric Broom Works, 220 De Witt	Brooms
Ford Mfg. Co., 5th and Jackson (L)	Building paper
Franklin Press, 306 N. 3d	Printing
Friis, Hans, N. 3d St.	Cement blocks
Hansen & Dieckman Furniture Co., 15th & Stockholm	Library and kitchen furniture, tables, chair frames
Herrity, John W., 714 So. 4th	Bakery products
Iowa Bottling Works, 516 3d Ave.	Mineral and soda water
Iowa Furniture and Mfg. Co., Foot of 9th Ave. (L)	Furniture, tables, also cement blocks

Name of Firm by Location.	Goods Made.
Clinton—Continued.	
Iowa Machine Works, 8th Ave. E. of 2nd	Castings, engines
Iowa Printing Co., 123 6th Ave.	Printing
Iowa Volks Zeitung, 132 4th Ave.	Printing, publishing
Isbell Optical Co., 226 6th Ave.	Optical goods
Iten Biscuit Co., N. 2nd & Ash	Crackers, bakery goods
Johnson, Wm. H., Weston Block	Jewelry
Joyce Lumber Co., 901 So. 6th	Lumber, mill work
Kelly, H. A. Upholstering Co.	Upholstered furniture
Kelly, J. A. & Bros., Box 374	Furniture, upholstering
Klein Paper Co.	Paper, paper boxes, etc.
Korn, H., Baking Co.	Bakery products
Lubbers and Bell Mfg. Co., 200 N. 2nd	Hardware specialties
Lyons Machine Works	Machine shop products
McDonnell, J. J., 707 So. 2nd	Monuments, etc.
McLane, T. I., Printing Co., 224 6th	Printing
Marcucci, E., 612 So. 2nd	Ice cream, confections
Merry War Printing Co., 212 7th Ave.	Printing, publishing
Overkamp, Theodore, 112 N. 4th (L)	Cigars
Paddock Broom Co. (Not Inc.) 114 N. 2nd	Brooms
Parker Bros., 221 So. 3d St.	Cornices, sheet iron products
Peterson-Bell & Co., 200 Franklin Ave.	Wagon boxes and parts
Pinney, Alvin E., Printing Co.	Printing
Pioneer Pearl Button Co., 110 So. Front (L)	Pearl button blanks
Pollastrini and Giusti, (The Revere Candy Kitchen), 220 So. 2nd	Ice cream, confectionery
Polo Mfg. Co.	Men's clothing, wool trousers
Raun, Jens A., 905 N. 2nd	Cigars
Schall's, Inc., 501 N. 2nd St.	Confectionery
Schroeder, T. W. & Son, 509 4th Ave.	Cigars
Smith, F. and Son, 1410 6th St.	Boxes, ladders, ironing boards, poultry coops
Stauber Mfg. Co., 101-103 5th Ave.	Ladies' and children's garments
Stodden's Bakery	Bakery products
Struve, John (Model Roller Mill), 901 Main (L)	Flour and feed
Swift and Company, 109 5th Ave.	Butter, ice, poultry
Valley Mfg. Co., P. O. Box 497	Silo roofs
Walters, R. S. & Co., 137 5th Ave.	Confectionery

COGGON (553) Linn County
Ill. Cen.; Chicago, Anamosa & Northern Rys.

Coggon Monitor	Printing, publishing
Linn County Farmers Co-op. Creamery Assn.	Butter

COIN (603) Page County
C. B. & Q.; Wabash Rys.

Coin Gazette	Printing, publishing

COLESBURG (337) Delaware County
8 miles from Osterdock, nearest shipping point

Colesburg Creamery	Butter

COLFAX (2,504) Jasper County
C. R. I. & P.; Colfax Northern and I. U. Rys.

Close to Nature Co.	Sleeping tents, incubators, grain sprouters
Colfax Bottling Works	Mineral and soda water

Name of Firm by Location.	Goods Made.
Colfax—Continued.	
Colfax Tribune	Printing, publishing
Fry, D. C. & Co.	Mineral and soda waters
Jones-Willis Co. Inc.	Manufacturing and rebuilding of airships
Porter Tractor Co.	Farm tractors

COLLEGE SPRINGS (495) Page County
I. & S. W. Ry.

Arendsee, A. C. Cement Works	Cement blocks, posts
Current Press	Printing, publishing

COLLINS (570) Story County
C. M. & St. P. Ry.

Collins Gazette	Printing, publishing

COLUMBUS JUNCTION (988) Louisa County
C. R. I. & P. Ry.

Columbus Gazette	Printing, publishing
Columbus Safeguard	Printing, publishing
Louisa County Power Co.	Electric power
McKee-Bliven Button Co.	Button blanks
Zeigler Canning Co.	Canned tomatoes

COLWELL (100) Floyd County
Rural delivery from Charles City, Iowa.

Niles Creamery Co.	Butter

CONRAD (560) Grundy County
C. & N. W. Ry.

Conrad Record	Printing, publishing

CONWAY (253) Taylor County
C. B. & Q. Ry.

Conway Broom Factory	Brooms
Conway Record	Printing, publishing

COON RAPIDS (1,328) Carroll County
C. M. & St. P. Ry.

Coon Rapids Enterprise	Printing, publishing
Ideal Bakery	Bakery products
Iowa Railway & Light Co.	Electric light and power
Jensen's Creamery	Butter, ice cream
Johnson's Carpenter Shop	Windows, doors, mill work

CORNING (1,840) Adams County
C. B. & Q. Ry.

Free Press Publishing Co.	Printing, publishing
Union-Republican Publishing Co.	Printing, publishing

CORRECTIONVILLE (1,016) Woodbury Co.
Ill. Cen.; C. & N. W. Rys.

Correctionville News	Printing, publishing

CORWITH (635) Hancock County
M. & St. L.; Ill. Cen. Rys.

Corwith Hustler	Printing, publishing

Name of Firm by Location.	Goods Made.
CORYDON (1,867) Wayne County C. R. I. & P.; C. B. & Q. Rys.	
Corydon Bottling Works	Mineral and soda water
Corydon Granite Co.	Monuments
Corydon Municipal Light Plant	Electric light and power
Nickles & Son	Poultry, butter, produce packing
Times-Republican	Printing, publishing
Wayne County Democrat	Printing, publishing
COULTER (277) Franklin County C. G. W. Ry.	
Hamilton Co-op. Creamery Co.	Butter
COUNCIL BLUFFS (36,162) Pottawattamie County C. & N. W.; C. B. & Q.; C. R. I. & P.; U. P.; C. M. & St. P.; Ill. Cen.; Wabash; C. G. W. Rys.	
Ainsworth, F. J. Co., 107 Pearl St.	Printing
American Chemical Co.	Chemicals
Badger Mfg. Co., 2100 South	Agricultural implements
Bloomer Cold Storage Co., 4th St. & 12th Ave.	Butter, ice
Broadway Candy Shop	Candy
Burton's, Dr., Remedy Co., 520 Ave. C.	Stock remedies
Chicago, Burlington & Quincy Shops	Car and locomotive repairs
Chicago Great Western Ry. Shops	Car and locomotive repairs
Chicago, Milwaukee & St. Paul Shops	Car and locomotive repairs
Chicago & North Western Ry. Shops	Car and locomotive repairs
Children, Charles Co., 2925 1st Ave.	Cement blocks
Citizens Gas & Electric Co., 26 Pearl St.	Gas and electric light
Council Bluffs Box & Basket Co., 101 S. 21st St.	Boxes, baskets, crates
Council Bluffs Broom Co., 29th St. & 2nd Ave.	Brooms
Council Bluffs Carpet Cleaning Co., 1635 Broadway	Carpets and rugs
Council Bluffs Coal & Ice Co.	Ice
Council Bluffs Concrete Co., 825 22nd Ave.	Cement blocks, brick
Council Bluffs Hydraulic Stone Co., 529 W. Broadway	Cement blocks
Council Bluffs Remedy Co., 1802 W. Broadway	Stock remedies
Counci Bluffs Tent & Awning Factory, 727 W. Broadway	Tents and awnings
Cy-Ko Sign Co., 540 West Broadway	Signs
Droge Elevator Co.	Ice
Eve's Bakery	Bakery products
Fidelity Remedy Co., 100 S. 17th St.	Stock remedies
Franklin Printing House, 35 S. 4th St.	Printing
French-American Art Co., 1280 E. Pierce St.	Art supplies
Gardner Press, The, 503 1st Ave.	Printing
Giant Mfg. Co., 234 S. Main St.	Playground apparatus of all kinds; lawn and porch swings; slide fire escapes; truck bodies and cabs
Griffin Wheel Co.	Railroad car wheels
Growers' Canning Co., 1202 3d St.	Canned corn and tomatoes
Hafer, C., Lumber Co.	Lumber, mill work
Hay Tool Mfg. Co., 1604 So. 1st St.	Hay tools
Hercules Products Co.	Cold solder

Name of Firm by Location.	Goods Made.
Council Bluffs—Continued.	
Illinois Central Ry. Shops	Car repairs, locomotive repairs
Iowa Soda Products Co., 29th St. and 1st Ave.	Glauber's salts, sal soda
Jensen Cigar Co., 417 W. Broadway	Cigars and tobacco
Jensen, Peter, 16 So. Main St.	Cigars
Keller, A. C., 3149 Ave. A.	Horse collars
Kimball Bros. Co., 9th Ave., N. W. Cor. 11th Ave.	Elevators and scales; founders and machinists
Kontinental Kompound Co. (ltd.), 1102 So. Main St.	Sweeping compound, furniture polish
Lee W. & Son Co., 13th & 2nd Ave.	Millwrights, wheat scouring machines and feeders
Levin, Frank R.	Cigars
McInnerney Elevator Co.	Passenger and freight elevators
Mac & Mac Cream Co.	Ice cream, ices, butter
Machine Mfg. & Engineering Co., 2801 W. Broadway	Machinery
Mineral Springs Bottling Works, 1015 W. Broadway	Mineral and soda water
Monarch Mfg. Co., 6th & 11th Ave.	Oils, lubricating
Monarch Printing Co., 4th St. & Broadway	Printing, binding, blank books
Morris Cash & Credit Register Co.	Cash registers
National Alfalfa Products Co.	Candy, syrup
National Live Stock Remedy Co.	Stock remedies
National Stock Powder Co., 2824 W. Broadway	Stock powders
New Nonpareil Co., 109-111 Pearl St.	Printing, publishing
Pacific Fruit Express Co.	Ice
Peet Stock Remedy Co.	Stock remedies
Perry, E. J., 127 S. Main St.	Harness, leather goods
Peterson Machine Works, 2nd Ave. & 13th St.	Special machinery
Pintsch Compressing Co., 9th Ave. & 18th St.	Gas, acetylene
Prest-O-Lite Co. (East Omaha)	Acetylene chemicals and gas
Reynolds & Son	Mill work
Root, A. I. Co. of Iowa	Bee keepers supplies; tanks, grain bins, corrugated pipe, corn graders, cribs
Salutary Drug Co.	Stock remedies
Skinner Baking Co., 516 Mynster St.	Bakery products
Sprague Foundry, 11th & 3d Ave.	Furnaces, iron castings, foundry and machine work
Standard Mfg. Co., 2411 W. Broadway	Wagon boxes
Sun Manufacturing Co.	Macaroni
Twin City Artif. Limb Co., 541 W. Broadway	Artificial limbs
Union Pacific Ry. Shops	Car and locomotive repairs
Wabash Railway Shops	Car and locomotive repairs
Walker Mfg. Co., 10th Ave. & 12th St.	Agricultural implements, hay bunchers, furrow openers, cribbing castings
White Bakery	Bakery products
Wickham Bros., 19 Scott St.	Brick

Name of Firm by Location.	Goods Made.
Council Bluffs—Continued.	
Wilson Chemical Co., 1216-1222 So. 6th	Parawas floor sweeping compound, disinfectants
Wind, H. P., 13th & Broadway	Planing mill work
Woodward, John G. & Co., 21 W. Broadway	Confectionery, soft drinks
CRAIG (156) Plymouth County C. & N. W. Ry.	
Craig Independent	Printing, publishing
CRESCO (3,195) Howard County C. M. & St. P. Ry.	
Brown, A. H.	Cement blocks, burial vaults
Cresco Creamery Co.	Butter
Cresco Light, Heat & Power Co.	Electric light and power
Cresco Novelty Works	Hayracks, wood stock tanks
Davenport, E. L.	Cigars
Electra Lightning Rod Co.	Lightning rods
Electric Specialty Co.	Electric specialties, electric paper condensers.
Farmers Creamery Co.	Butter
Faultless Stump Puller Co.	Stump pullers
Howard County Times	Printing, publishing
Huber Furniture Mfg. Co.	Furniture
Marshall, C. A.	Brick and tile
Mead Publishing Co.	Printing, publishing
Queen Cupola Mfg. Co.	Cupolas
Saude Farmers Co-op. Creamery Assn.	Butter
Schley Creamery Co.	Butter
Strayer, L. V.	Steel cupolas, condensor boxes, roofing
Swenson Grubber Co.	Stump pullers
CRESTON (8,034) Union County C. B. & Q. Ry.	
Aaron Poultry & Egg Co.	Poultry packing
Burt & Keck	Printing, publishing
Chicago, Burlington & Quincy Shops	Car and locomotive repairs
Creston Advertiser Gazette	Printing, publishing
Creston Bottling Works	Mineral and soda water
Creston Cornice Works	Cornices, sheet metal work
Creston Gas & Electric Co.	Gas and electricity
Creston Marble & Granite Works	Monuments, etc.
Creston Mutual Light & Power Co.	Electric light
Creston Planing Mill	Stock tanks, sash, doors, mill work
Douglass Ice Cream Co.	Ice cream
Loughlin, Robert	Cigars and tobacco
Moore, Merrill	Concrete blocks
Morrison Printing Co.	Printing
Niemeyer, C. A.	Cigars
Pinkerton, John M.	Wagons and repairs
Rex Coal & Ice Co.	Ice
Sash, George	Concrete blocks
Swift & Company	Butter, poultry, etc.
Tramp Brothers (Creston Brick and Tile Co.)	Brick
CRYSTAL LAKE (191) Hancock County C. R. I. & P. Ry.	
Crystal Creamery Co.	Butter

Name of Firm by Location.	Goods Made.
CUMBERLAND (561) Cass County C. B. & Q. Ry.	
Cumberland Enterprise	Printing, publishing
CYLINDER (174) Palo Alto County C. M. & St. P. Ry.	
Fairville Creamery Co., 8 mi. N. E.	Butter
DAKOTAH (439) Humboldt County C. & N. W. Ry.	
Brown Brothers	Flour mill
DALLAS CENTER (864) Dallas County M. & St. L. Ry.	
Dallas Center Times	Printing, publishing
Hoover Lumber Co.	Cement brick, tile, and building blocks
DANBURY (677) Woodbury County C. & N. W. Ry.	
Danbury Review	Printing, publishing
Dursts Bros. Light & Power Co.	Electric light and power
DAVENPORT (56,727) Scott County C. B. & Q.; C. M. & St. P.; C. R. I. & P.; Davenport, Rock Island & North Western; Davenport & Muscatine; Iowa & Illinois Rys.	
Ackley Cut Glass Co., 126 W. Front St.	Cut glass
Automatic Electric Pump Co., Rockingham Road	Electric pumps (air)
Barr Dairy Co., 518 Brady St.	Butter
Bell-Jones Co., 1225 W. 2nd Ave.	Butter, ice cream
Boettger, Edward, 1408 12th St.	Cigars
Boetger Rye Mills, 200 S. Howell St.	Flour, rye, feed, etc.
Brammer, H. F. Mfg. Co., 1441 Rockingham	Washing machines
Catholic Messenger, 421 Brady St.	Printing, publishing
Cement Products Co., 207 West 4th St.	Cement blocks
Chicago, Milwaukee & St. Paul Shops	Car repairs
Chiropractic Supply Co., 526 Brady St.	Chiropractic tables
Crescent Macaroni & Cracker Co., 425 Iowa	Crackers, macaroni, etc.
Cusack, Thos. Co., 125½ E. 3d St.	Signs, advertising
Davenport Bedding Co., 1027 W. 4th	Mattresses, etc.
Davenport Brick and Tile Co., 209 W. 4th (Factory located at Buffalo, Iowa)	Brick and tile
Davenport Broom Co., 2049 W. 5th St.	Brooms
Davenport Cigar Box Co., 114-116 Western Ave.	Cigar boxes
Davenport Ice & Cold Storage Co., 114 Myrtle St.	Ice
Davenport Ice Cream Co., 211 E. 2nd St.	Ice cream
Davenport Ladder Co., 2365 McKinley Ave.	Ladders
Davenport Locomotive Works, 2305 Rockingham Road	Locomotives
Davenport Machinery & Foundry Co., 1618-44 West 4th St.	Machinery, foundry work, pulleys, structural steel
Davenport Mfg. Co.	Waste paper balers, specialties, cigar lighters, stamp vending machines
Davenport Milling Co., Western Ave. & Front St.	Flour and feed

Name of Firm by Location.	Goods Made.
Davenport—Continued.	
Davenport Pattern & Machine Works, 828½ 2nd St.	Wood and metal patterns, machine work, chiropractic tables
Davenport Pearl Button Co., 1235 West 5th	Pearl buttons
Davenport Roofing Co., 321 Rock Island St.	Roofing material
Davenport Slaughtering & Rendering Co., 1505 Rockingham Road	Meat packing, lard, etc.
Davenport Vinegar & Pickling Works Hobson & Rolff Sts.	Vinegar and pickles
Davenport Wood Works	Mill and cabinet work
Decorative Art Glass Co., 713-715 West 2nd St.	Art glass
Davenport Upholstering & Repair Co.	Furniture upholstering
Democrat Publishing Co., 216 Main St.	Printing, publishing
Diamond Shine Mfg. Co., 120 E. 5th St.	Stove polish, rust preventatives
Dow, J. W. & Son, 411 Perry St.	Printing, engraving
Eagle Bottling Works, 1231 Hamilton St.	Mineral and soda water
East Davenport Machine Shop, 408-410 Mound St.	Tools, jigs, fixtures, special machinery; fire escapes, patterns, dies, gears, machine and foundry work
Economy Printing Co., 109 West 4th St.	Printing
Economy Rug Co., 720 Harrison St.	Rugs
Ely, H., 1306 Brown St.	Book binding
Emeis Mfg. Co., 217 Iowa St.	Dies, punches, tools
Fidlar & Chambers, 118-120 E. 4th St.	Printing, books and office supplies
Fleischmann Malting Co. (Headquarters at Chicago, 326 Webster Bldg.)	Malt sprouts, malt and screenings
Frank, H. J. Foundry & Machine Co., 1739-45 West 2nd St.	Foundry and machine work
French & Hecht, 4th & Farnam	Steel wagon, implement and truck wheels
Fries Brothers, 1817 Harrison St.	Wagons
Gerwe Bros. & Garvey Co., 110-112 E. 3d	Jewelry
Gorman, S. & Son, 118 West 6th St.	Printing
Great Western Remedy Co., 308 E. 2nd St.	Stock conditioners, disinfectants, soaps
Greyhound Press	Printing
Grupe Drier & Boiler Co., 325-331 E. 2nd	Boilers, grain driers, sheet iron products
Griffin, A. A.	Chiropractic tables
Haak, Ferd Co., 319 Western Ave.	Cigars
Haglund's Bakery, 801 West 2nd St.	Bakery products
Halligan Candy Co., 933 West 4th St.	Confectionery
Halligan Coffee Co., 402-410 E. 4th St.	Coffee, tea, spices, etc.
Hanssen, C. F., 822 West 3d St.	Cigars
Harkert Cigar Co., 1302 West 4th St.	Cigars
Hawkeye Pattern Works	Patterns
Hawkeye Press, 121 E. 3d St.	Printing, publishing
Ideal Mfg. Co.	Chiropractic tables
Independent Baking Co., Rockingham Road	Crackers, biscuits

Name of Firm by Location.	Goods Made.
Davenport—Continued.	
Independent Brewing & Malting Co., 1801 West 3d St.	Malt, sprouts, screenings
Independent Motor Truck Co.	Motor trucks
Innis Grain Shocker Co.	Grain shockers
Iowa Cigar Box Factory, 709 Harrison	Cigar boxes
Iowa Reform, 524-525 West 2nd St.	Publishing
Iowa Silver Plating Works, 211 Perry St.	Electroplating
Jacobsen, Peter N. Jr., 332 Harrison St.	Cigars
Johnson, Paul Optical Co., 218 Main St.	Optical goods
Junge & Oden, 703 West 3d St.	Cigars
Kerker Paper Box Co., 315-317 E. 5th St.	Paper boxes
Kohrs Packing Co., 1327-1349 W. 2nd St.	Meat packing
Korn, H. Baking Co., 6th & Main St.	Bakery products
Krause, Robert Co., 825 West 4th St.	Men's clothing, overalls, etc.
Kuehl Candy Co., 315½ E. 2nd St.	Confectionery
Lagomarcino-Grupe Co., 109 S. Brady	Ice cream, butter
Le Claire-King Co., 310 E. 4th St.	Printing
Le Claire Stone Co.	Building stone
Lee Broom & Duster Co., 415 Ainsworth St.	Brooms, dusters, whisks
Lemm, H. J., 1107-1109 West 3d St.	Printing
Linograph Co., 5th & Rock Island	Linographs, slug casting machines
Linotype Composition Co.	Linotype composition
McArthur Loose Leaf Book Concern, 315½ West 4th St.	Printing, binding
McClelland, T. W. & Co., 3d & LeClaire	Planing mill products
Maehr Co., The, 110 West 2nd St.	Bakery products, confectionery
Modern Broom Machinery Co., 415 Ainsworth	Broom handle shaping machines
Monarch Press & Stationery Shop, 309 Whitaker Bldg.	Printing
Naugle & Naugle	Cut stone
Newcomb Loom Co., 1334 West 2d St.	Looms
North West Davenport Cement Block Co., 1725 Davie St.	Cement blocks, sills, caps
Oakdale Granite & Marble Works, 2301 Eastern Ave.	Marble and granite work, monuments
Peoples Light Co., 125 West 3d St.	Gas, tar and oil
Pine Street Bakery, 304 So. Pine St.	Bakery products
Pioneer Creamery Co.	Butter
Pittsburgh Plate Glass Co., 410-416 Scott	Plate, window and stained glass, and mirrors
Press & Plate Co., The	Stereotyping, auxiliary printing
Prest-O-Lite Co., Inc., Foot of South Howell St.	Acetylene gas
Purcell Printing Co., 214 E. 3d St.	Printing, publishing
Purity Oats Co., Foot of Pine	Oats, cereals, food preparations
Raphael, M. Sons Co., 600 Harrison	Cigars
Red Jacket Mfg. Co., 3d & Farnam Sts.	Pumps, castings, auto manifolds
Reid-Mohr & Kloppenburg Co., 322 Harrison St.	Printing
Richter, T. & Sons, 219-221 W. 2nd St.	Fur goods
Roberts, U. N. Co., 702 Federal St.	Lumber, sash, doors and art glass
Roddewig-Schmidt Candy Co., 328 East 4th	Confectionery

Name of Firm by Location.	Goods Made.
Davenport—Continued.	
Schmidt, B. L. Co., 413-417 West 4th St.	Ice breakers, chipping machines, internal grinders
Schricker Marble & Granite Co., 402 Scott St.	Monuments
Sears Saddlery Co., 214 Perry St.	Saddles, harness, etc.
Standard Broom Works, 2415 Farnam St.	Brooms
Steffen, August Mfg. Co., 228 1-2 West 2d	Overalls, shirts, etc.
Tefft, Herbert J., 302 1-2 Brady St.	Rubber stamps, seals, baggage checks
Times Company, The, 124 E. 2d St.	Printing, publishing
Treffer, H. H., 119 East 2d St.	Buttons and pleating
Tri-City Bottling Works, 623 West 2d	Mineral and soda water
Tri-City Butter Co.	Butter
Tri-City Button Co., 1833 West 2d St.	Buttons
Tri-City Flour & Feed Co.	Flour, feed, grain, etc.
Tri-City Lithographing Co., 617 Marquette St.	Lithographing, printing
Tri-City Plate Ice & Cold Storage Co., 1423 Rockingham Road	Ice
Tri-City Railway Car Shops	Car repairs
Trident Publishing Co.	Printing
Vanderslice-Stahmer Shoe Co., 213 E. 2d St.	Shoes
Victor Animatograph Co., 527 West 4th St.	Animatographs, motion picture machines and supplies
Voss Bros. Mfg. Co., 1553 West 2d St.	Washing machines and tubs
Wagner's Printery Co., 315-17 West 4th	Printing
Walcher's Bakery, 732 Marquette St.	Bakery products
Walther-Vogler Gas Machine Co., 713 Harrison St.	Gas machines, also electric machines
Warnerlite Products Corporation, 422 Lane St.	Electric home lighting plants
Western Flour Mill Co., 803 E. River St.	Flour
Western Foundry & Machine Co., 100 Gaines St.	Foundry and machine products
Western States Portland Cement Co.	Cement
White Lily Mfg. Co., 1535 Rockingham Road	Washing machines
Wiggers, John, 712 West 2d St.	Awnings and tents
Winters, H. E. Specialty Co.	Vending machines, and interchangeable signs
Wollenberg, Carl L., 412 Western Ave.	Cigars
Woodall Mfg. Co., West 2d & Elmwood Ave.	Paper baling presses
DAVIS CITY (476) Decatur County C. B. & Q. Ry.	
Frazier Brothers	Flour and feed
DAWSON (300) Dallas County C. M. & St. P. Ry.	
Dawson Cement Tile Co.	Cement tile
DAYTON (836) Webster County C. & N. W.; M. & St. L. Rys.	
Dayton Review	Printing, publishing
DECORAH (4,039) Winneshiek County C. R. I. & P.; C. M. & St. P. Rys.	
American Drug & Press Assn.	Medicines, toilet preparations
Bernatz Flouring Mills (Ice Cave and City Roller Mills)	Flour and feed

Name of Firm by Location.	Goods Made.
Decorah—Continued.	
Cigar Factory, Frank Heling, Proprietor	Cigars
Decorah Gas Mfg. Co.	Gas
Decorah Journal	Printing, publishing
Decorah Pop Factory (Hill, D. H. & Co.)	Mineral and soda water
Decorah Republican	Printing, publishing
Decorah Posten (Norwegian)	Printing, publishing
Ice Cave Creamery	Butter
Lutheran Publishing House	Books, publishing
Phoebe Lincoln Chemical Co.	Cosmetics and medicines
Pleasant Co-op. Creamery Co.	Butter
Public Opinion	Printing, publishing
The Sugar Bowl	Ice cream, rolled cones
Upper Iowa River Power Co.	Electric light, power
DEDHAM (360) Carroll County	
C. M. & St. P. Ry.	
Dedham Creamery	Butter
Dedham Electric Co.	Electric light and power
DEEP RIVER (487) Poweshiek County	
C. & N. W. Ry.	
Cutler, C. F.	Poultry and stock remedies
Deep River Brick & Tile Co.	Brick and tile
The Record	Printing, publishing
DEFIANCE (389) Shelby County	
C. M. & St. P. Ry.	
Defiance Independent	Printing, publishing
DELHI (390) Delaware County	
C. M. & St. P. Ry.	
Hazelgreen Creamery, 6 miles east of Ryan	Butter
Silver Spring Creamery Co.	Butter
DELTA (688) Keokuk County	
C. R. I. & P. Ry.	
Delta Press	Printing, publishing
Herrick, Nathan E.	Feed
DENISON (3,581) Crawford County	
C. & N. W.; Ill. Cen. Rys.	
Denison Bottling Works	Mineral and soda water
Denison Bulletin	Printing, publishing
Denison Electric Light & Power Co.	Electric light
Denison Monument Works	Monuments
Denison Seed Co.	Seeds
Doud Milling Co.	Flour and feed
Hanss, Frank	Cigars
Nicholson Ice & Produce Co.	Butter, ice, packed poultry
Northwestern Seed Company	Seeds
Otto, C. Jr.	Cigars
Paulsen & Iwen	Stock feeding devices
Review Publishing Co.	Printing, publishing
Rollins, F. S.	Cement blocks and brick
DENVER (462) Bremer County	
W. C. F. & N. Interurban Ry.	
Clansing, Herman	Lumber
Denver Creamery Co.	Butter, ice cream
Gielan, Otto	Cement blocks
Heideman, J. L.	Cement blocks
Mt. Vernon Creamery Co., 1½ miles West of Crossing No. 10, W. C. F. & N. Ry.	Butter

Name of Firm by Location.	Goods Made.
DES MOINES (126,468) Polk County C. B. & Q.; C. R. I. & P.; C. G. W.; C. & N. W.; C. M. & St. P.; Ft. Dodge, D. M. & So.; M. & St. L.; St. Paul & Kansas City Short Line; Wabash Rys.	
A. B. C. Bottling Co.	Mineral and soda water
Advance Printing Co., 519 E. Grand	Printing
Allbrite Mfg. Co., 915 Grand Ave.	Polishes
Allinson Mfg. Co., 1024 Grand Ave.	Gasoline clarifier
Allward-Bowman Glass Works, 762 W. 9th	Ornamental glass
American Bottling Works, 419 E. Grand	Mineral and soda water
American Handle & Novelty Co., 816 S. W. 9th	Handles, novelties
American Lithographing & Printing Co., 414 4th St.	Lithographing, printing, blank books
American Mfg. Co., 1415-17 West Locust	Men's neckwear, shirts, and furnishings
Americone Co., 119-121 E. Walnut	Ice cream cones
Anderson Mfg. Co., 511-513 West 3d St.	Ventilators, lightning conductors
Ankeny Linseed Mfg. Co., E. 3d & Market	Linseed oil and cake
Armand Co., The, 124 Des Moines St.	Face powder
Auto Metal Parts Co., 626 E .Locust	Auto parts
Bankers & Merchants Calendar Corp., 514 8th	Calendars, printing
Bankers Printing Co., 512 6th Ave.	Printing, blank books
Barker System Bakery, 502 Walnut	Bakery products
Barnett, L. J. Co., 206 Court Ave.	Medicines
Bast-Fogarty Milling Co., 1925 E. Grand	Flour and milling products
Battery Parts Co., 616 E. Grand	Battery boxes and plates
Bayer Tanning Co., Foot W. 9th St.	Tanning
Beatrice Creamery Co., 101 W. 2nd St.	Butter
Beaver Valley Milling Co., 6th & Corning	Flour, etc.
Beckman Bros., 5th & Raccoon	Boilers and pumps
Besto Syrup Co., 306 S. W. 9th St.	Malt syrups, fountain syrups
Bingham's Samuel, Son Mfg. Co., 509 Chestnut	Printer rollers
Bishard Brothers, 522 E. Walnut St.	Printing
Black Label Cigars Co., 423 E. 6th St.	Cigars
Boekenhoff Bakery & Cafe Co., 214 6th Ave.	Bread, bakery products
Boyt, Walter Co. Inc., 212-214 Court Ave.	Harness, saddlery
Brilliant Cut Glass Co., 210 Court Ave. (Upstairs)	Cut glass mfrs.
Brody, F. & Sons, 312 Court Ave.	Overalls
Brown, C. P. Mfg. Co., 221 West 3d	Overalls, shirts and pants
Bush, W. F., Brass Foundry, E. 16th & Grand	Brass foundry products
Butter-Nut Bread Co., 1014 E. 12th St.	Bakery products
Bystander, The (Printers) over 201 7th	Printing
Caldbeck Tool & Mfg. Co.	Machine work
Campbell Bread Co., 648 E. Grand Ave.	Bakery products
Campbell Heating Co., 200-212 12th St.	Furnaces, fittings
Campbell Printing Co., 915-917 Walnut St.	Printing
Capital City Bottling Works, 1317 Des Moines St.	Mineral and soda water
Capital City Broom Co., 1532 Walker St.	Brooms
Capital City Paste Co., 1112 Woodland	Paste
Capital City Plating Works, 716 West 15th	Electroplating
Capital City Printing Plate Co., 11th & Walnut	Electrotyping, stereotyping
Capital Clay Co., 307 Hippee Building	Brick and tile

Name of Firm by Location.	Goods Made.
Des Moines—Continued.	
Capital Hat Frame Works, 221 W. 3d	Hat frames, bandeaux
Capital Printing Ink Co., 416 W. 4th	Printing ink
Capital Serum Co., 1635 Maury	Hog cholera serum
Capitol Hill Monument Co., 100 E. Locust	Monuments
Caplan Bakery Co., 834-836 E. 6th St.	Bakery products
Carlson Bros. Broom Co., R. F. D. No. 2	Brooms
Carr-Baal Company, 301 S. W. 9th	Sash, doors, mill work
Casson Sausage & Meat Co., 214 E. Walnut	Meat, sausage
Central Bindery, 511 Mulberry St.	Binding
Central Engraving Co., 704½ Walnut	Engraving
Central Press, 419 Locust	Printing
Central Unadillo Silo Co., 616 S. W. 9th	Silos
Central Wire & Iron Works, 119-123 E. Walnut	Fire escapes, jail and vault doors, structural wire and iron products
Century Printing Co., 323 Locust St.	Printing
Chamberlain Medicine Co., 6th & Park St.	Patent medicines, extracts
Chicago, Great Western Shops	Car and locomotive repairs
Chicago Mfg. Jewelers, 216 5th	Jewelry
Chicago & North Western Shops	Car and locomotive repairs
Christian News, 1225 25th	Publishing
City Ice Co., 8th & New York Sts.	Artificial ice
Clark, J. D. Co., 129 2nd	Cornices, gutters, fire proof shutters
Coca Cola Bottling Co., 1221 25th	Coca cola
Cohen, J. R. & Sons, 310 E. 5th St.	Cigars
Colvin Candy Co., Shops Building	Confectionery, ice cream
Commercial Printing Co., 407 4th St.	Printing
Complete Bookkeeper Co., 107 7th	Looseleaf devices, printing
Concrete Machine Corporation, 8th & Tuttle	Artificial stone, concrete machinery
Consumers Ice Co., 8th & New York	Ice
Couch-Hilliker Press, 511 Mulberry	Printing
Cownie, J. H. Glove Co., 3d & Vine	Leather gloves, mittens, fur coats, work coats
Cownie Tanning Co., 508 Market St.	Leather and fur tanning, fur goods
Davidson Bros. Co., 106-110 3d St.	Ice cream, confectionery
Dawes, B. E. Co., over 107 7th	Bankers supplies
Dempster Mfg. Co., W. 8th & Morgan	Windmills, pumps, tanks
Des Moines Bakery Co., 3d & Market	Bakery products
Des Moines Bale Tie Co., 8th & Vine	Steel wire bale ties
Des Moines Book Bindery, 1326 West 6th	Book binding
Des Moines Bottling Works, 507-509 West 3d	Mineral and soda water, syrup and extracts
Des Moines Brick & Tile Co., New York Ave. & River	Brick and tile
Des Moines Broom Co., 2021 E. Grand	Brooms
Des Moines Capital, 708-710 Walnut St.	Publishing newspaper
Des Moines Casket Co., 8th & Tuttle	Burial caskets
Des Moines Cement & Brick Co., S. W. 16th & G. W. Tracks	Cement brick, blocks, etc.
Des Moines City Railway Co. Shops and Electric Plant	Electric power, car construction and repairs
Des Moines Cigar Box Co., 432 E. Grand	Cigar boxes
Des Moines Clay Co., 514 Hubbell Bldg.	Brick and tile
Des Moines Creamery Co., 109 S. W. 3d	Butter and dairy products

Name of Firm by Location.	Goods Made.
Des Moines—Continued.	
Des Moines Electric Co., (Office at 800 Locust St.)	Electric light and power
Des Moines Engraving Co., 1912 W. Grand	Engraving
Des Moines Fixture Co., 1809 E. University	Fixtures (electric, etc.)
Des Moines Foundry & Machine Co., S. W. 16th & Walnut	Foundry and machine products
Des Moines Gas Co., 7th & High	Gas
Des Moines Glove & Mfg. Co., 4th & Grand	Gloves
Des Moines Hosiery Mills, E. 28th & Dean	Hosiery
Des Moines Ice & Fuel Co., 100 Maple	Ice
Des Moines Incubator Co., E. 2nd & Vine	Incubators
Des Moines Lightning Rod Co., 118 8th	Lightning rods
Des Moines Marble & Mantle Co., 12th & Walnut	Mantles, terrazzo, mossaic floors, monuments
Des Moines Milk Co., 510 2nd St.	Butter, and milk products
Des Moines Monument Mfg. Co., 7th & Raccoon	Monuments
Des Moines News Co., 211 7th St.	Publishing
Des Moines Paper Box Mfg. Co., 430 E. Grand	Paper boxes
Des Moines Pattern & Model Works, 121 E. Walnut St.	Wood and metal patterns, machinery
Des Moines Plating Works, 423 3d St.	Plating
Des Moines Printing Co., 605 E. Locust	Printing
Des Moines Rubber Stamp Works, 206 5th St.	Rubber stamps, etc.
Des Moines Saddlery Co., 309 Court	Harness, saddlery
Des Moines Sawmill Co., 10th & Murphy	Gun stocks, aeroplane lumber, walnut lumber
Des Moines Silo & Mfg. Co., New York Ave.	Silos, metal garages
Des Moines Slide Co., 301 Clapp Block	Lantern slides
Des Moines Steel Co., 4th & Tuttle Sts.	Steel and structural work, towers and water works plants
Des Moines Steel Tank Co., E. 19th & Court	Steel tanks
Des Moines Stove Repair Co., 107 S. W. 2nd	Stove repairs, castings
Des Moines Structural Iron Works, Elm between 3d & 4th	Iron work, fire escapes
Des Moines Tent & Awning Co., 913-915 Walnut	Tents, awnings
Des Moines Trunk Factory, 5th & Locust	Trunks, leather products
Des Moines Union Railway Shops	Car and locomotive repairs
Des Moines Upholstery & Feather Co., 504 Hartford	Furniture upholstering and repairing, feather mattresses
Des Moines Wood Fixture Co., 216 E. Court	Bank, store and office fixtures
Dodd & Struthers Co., 118 8th St.	Lightning rods
Doty Publishing Co., 3d & Chestnut St.	Publishing, printing
Dy-O-La Dye Co., 702 6th Ave.	Dyes
Eagle Iron Works, E. 3d & Court	Coal mine cars and trucks, clay crushers, box car loaders, castings, machinery and structural iron work
Economy Steel Products Co., 4th & New York Sts.	Silo manufacturers
Elaterite Paint & Mfg. Co., The	Paint
Elimino Medicine Co., 1332 26th	Medicines

Name of Firm by Location.	Goods Made.
Des Moines—Continued.	
Ellingson, E. M., 112-116 Locust	Process butter
Ellis, B. L. Mfg. Co., 701 Corning Ave.	Ice freezing cartons
Endlock Mfg. Co., Delaware & Mattern	Wood block silos
Erickson, C. E. & Co., 504 4th (2nd floor)	Advertising specialties
Eureka Brass Foundry, 923 Pennsylvania	Brass foundry products
Evans, E. E. Printing Co., 2nd floor Watrous Block	Printing
Farmers Co-op. Produce Co., 9th & Elm	Butter
Feather Mattress Co., 804 E. 12th	Feather mattresses
Federal Printing Co., 215 4th	Printing
Fitch, F. W. Co., 15th & Walnut	Perfumes, chemical preparations, hair tonic
Flint Brick Co., End Flint Valley	Brick and tile
Flynn Dairy Co., 7th & University	Ice cream, butter, etc.
Ford Motor Co., 18th & Grand	Fords and accessories
Fox Chemical Co., 517 E. Grand Ave.	Medicines, chemical preparations
French Bakery, 1909 Cottage Grove Ave.	Bakery products
Friction Proof Lubricant Co., 201 S. W. 2nd	Lubricating oils
Furlong Boiler & Iron Works, 400 E. Court	Boilers and tanks
Furnas Ice Cream Co., 612 E. 2nd	Ice cream
Gabrio, W. F., Cigar Co., 8th & Locust	Cigars
Garton's Bakery, 2nd & Locust	Bakery products
Geneva Optical Co., 712-720 Equitable Bldg.	Optical goods
Globe Machine & Supply Co., 205-207 Court Ave.	Engines, boilers, machine work
Globe Publishing Co., 108 7th	Printing, composition work
Globe Tanning & Mfg. Co., 222 S. E. 1st	Leather and fur goods, tanning, fur coats, etc.
Goodwin Tile & Brick Co., S. E. 18th & Hartford	Brick and tile
Grace Medical Co., 807 Mulberry	Medicinal and toilet preparations
Granette Products Co., S. W. 7th & Murphy	Cement burial vaults, monuments, tombstones, etc.
Green Foundry & Furnace Works, S. W. 3d & Elm	Furnaces, registers
Grenolo Mfg. Co., 308 E. 30th	Toilet articles, barber supplies
Griswold Medical Co., 1217 24th St.	Medicines
Gustaffson, O. R. Linotype Co.	Linotype composition
Hall Culvert Co., 11th & Market	Culverts
Hammer Remedy Co., 1145 6th Ave.	Poultry remedies
Hansen Mfg. Co., E. 18th & Raccoon	Portable metal garages, metal grain bins, ice boxes (wood), metal hog waterers, tanks, ventilators, doors, etc.
Harbach, L. & Sons Co., 300 5th	Mattresses and furniture
Harley, W. A., 210 Locust	Harness
Harmon, Jas. R. Bakery, 419 9th	Bakery products
Harrah & Stewart Mfg. Co., 514-520 E. Court	Brooms, brushes, soap
Hawkeye Bindery Co., over 215 4th St.	Binding
Hawkeye Machine & Brass Works, 116 Court	Machine products, brass work
Hawkeye Portland Cement Co.	Cement
Hawkeye Tire Co., 215 E. 3d	Auto tires and tubes

Name of Firm by Location.	Goods Made.
Des Moines—Continued.	
Hearshman, J. W. & Sons, 923 Grand Ave.	Monuments
Heilhecker Printing Co., 707 Locust	Printing
Hermann Glove Co., 609 Grand Ave.	Gloves
H. & H. Cleaner Co., 115 Court Ave.	Soap
Hewitt, Chas. & Sons Co.	Canning, wholesale grocers factory department
Highland Cigar Co., 815 Douglas Ave.	Cigars
Hoare, J. T., Bakery, 1149 W. 13th	Bakery products
Holland Bakery, 12th & Grand	Bakery products
Holley, L. W. & Son, East 1st & Grand	Printing, stationery, rubber stamps
Homestead Company, 19th & Grand	Printing, publishing, electrotyping, etc.
Hoover, Geo. D. Mfg. Pharm. (Inc.) 209 E. Locust	Medicinal preparations
Hoover Medicine Co., 805 Observatory Bldg.	Patent medicines, etc.
Howard, Chas. L., 425 Kraft Bldg.	Jewelry
Howard, The Donald B. Heater Co.	Furnaces
Hulsizer Co., West 5th & Grand	Artificial flowers
Humane Remedy Co., 712 Park St.	Medicines, stock remedies, medicinal preparations
Hutchinson Candy Co., 224 2nd	Confectionery
Hutchinson Purity Ice Cream Co. 1703 Grand Ave.	Ice cream
Ideal Bakery Co., 944 6th Ave.	Bakery products
Indiana Silo Co., 110 S. E. 7th	Silos (wooden staves)
Iowa Bakery, 903 Grand	Bakery products
Iowa Boiler Works, E. 3d & Court	Smoke stacks, breeching, and tanks
Iowa Cap Co., 201 7th	Cloth caps and hats
Iowa Chemical Co., 1333 E. Grand	Chemical preparations, remedies, etc.
Iowa Cord Tire Co., 24th & Scott	Auto tires
Iowa Farmer & Corn Belt Farmer, The	Printing, publishing
Iowa Lithographing Co., 707 Locust	Lithographing
Iowa Macaroni Mfg. Co., 805 S. W. 1st	Macaroni
Iowa Machinery & Supply Co., 317 Court	Mill and factory supplies, power transmission machinery, machine products
Iowa Monument Co., 620 W. 9th	Monuments, granite and marble
Iowa Novelty & Brass Works, 117-119 Grand	Foundry and machine work, brass castings
Iowa Packing Co., E. 18th & Maury	Meat packing
Iowa Pipe & Tile Co., E. 4th & Haynes	Clay pipe and tile
Iowa Plaiting & Button Co., 8th & Mulberry	Button and plaiting work
Iowa Printing & Supply Co., 509 Mulberry	Printing
Iowa Pure Iron Co., E. 8th & Elm	Culverts
Iowa Traction Tread Tire Co., 419 11th St.	Tire auxiliaries
Jackson, C. B., Cigar Co., 1345 E. Walnut	Cigars
Jacobsen Linotyping Co., 412 Court Ave.	Linotype composition
Jaeger Mfg. Co., 8th & Vine	Store and bank fixtures, show cases, mill work
Jamieson, J. M., Bindery, 134 E. Locust	Book binding
Jansen Machine Co., 741 21st	Machine work, specialties
Kaplan Paper Box Co., 1115 Locust (Upstairs)	Paper boxes
Kaufmann-Cutler Baking Co., 936 6th Ave.	Bakery products
Keith Furnace Co., 335 S. W. 11th	Furnaces

Name of Firm by Location.	Goods Made.
Des Moines—Continued.	
Kennard's Bakery, 1926 Cottage Grove Ave.	Bakery products
Kennelley, Wm. A. Cigar Co., 1905 Cottage Grove	Cigars
Kenyon Co., The, 305 Grand Ave.	Maps, calendars, printing, leather goods
Kirch, Herman, Mfg. Jeweler, 608½ Walnut	Jewelry
Kirsher, Joe & Co., 694 West 20th	Marble and granite workers and dealers; monuments
Klondyke Incubator Co., 321 S. W. 9th	Incubators, coops
Koch Bros. Co., 319 Locust	Printing
Koenigsberger, Chas. & Son, 325 E. 5th	Harness and saddlery
Koenigsberger, John E., 604 E. Grand	Harness and saddlery
Koenigsberger, Wm., 208 West 4th	Harness and saddlery
Korns Kakery, 415 7th	Bakery products
Kratzer Carriage Co., 100 S. W. 1st	Carriages, vehicles
Kuhlman, Karl A., 912 Walnut	Furs and fur garments
La Forge, John T. & Sons, 1000 S. E. 21st	Hides, tanning, fertilizer, rendering
Lagerquist Carriage & Auto Co., 514-522 2nd	Carriages, auto tops, wheels, etc.
Lamona Extract & Mfg. Co., 507 W. 3d St.	Extracts, syrups, etc.
Larsh, M. F., Planing Mill, 1107-11 Cherry St.	General mill work, sash, doors
Larson, Andrew, 424 E. Walnut	Cigars
Leader Tractor Co., E. 18th & R. I. Tracks	Tractors
Lederer-Strauss & Co., 306-310 Court Ave.	Hats and millinery
LeFebure Index Co., 301 4th St.	Index ledgers, printing and binding
Legg Printing Co., 203 E. Locust	Printing
Leo, D. C. & Co., 124 Des Moines St.	Medicines, cold tablets, etc.
Lessmann Loader Co., 210 Court Ave.	Farm loader, dump scraper
Liberty Auto Pump Co., 109 E. Walnut	Tire pump
Lichty, Norman, Medicine Co., 301 Clapp Bldg.	Medicines
Loetscher & Burch Mfg. Co., E. 4th & Vine	Sash, doors, mill work
McAndrew Printing Co., 613 Grand	Printing
Maine, Jas. & Co., E. 21st & Maury	Brick
Manhattan Medicine Co., 3d & Locust	Patent medicines
Marks Mfg. Co.	Hats and caps
Martin Company, The, 212-14 E. 3d St.	Lightning rods, fixtures and ornaments
Martin, J. E. Co., 1754 Capitol Ave.	Face powder, cosmetics
Marvo Products Co., E. 1st & Walnut	Liquid soap and shampoo, furniture polish
Mathtews Truck Body Co., 118-22 E. 5th and Market Sts.	Carriages and parts
Maynard Printing Co., 612 Mulberry	Printing
Mead & Mead Mfg. Jewelers, 411 Walnut	Jewelry
Mennig-McCord Co., E. 26th & Dean	Vinegar and pickles
Merchants Trade Journal, Inc., 725 Grand Ave.	Publishing
Merry Optical Co., 3d floor K. P. Block	Optical goods
Midland Map & Engineering Co., 907 Observatory Bldg.	Maps
Midwest Cap Co., 123 Walnut	Caps
Midwestern Pattern & Model Works, 203 East 5th	Models and patterns
Miles-Bratton, Inc., 118 8th St.	Printers
Moeller, John M. & Sons Co., 1010 9th	Kerosene heaters for bakery ovens

Name of Firm by Location.	Goods Made.
Des Moines—Continued.	
Moon, D. E., Printing & Engraving Co., 702 Mulberry St.	Printing, engraving
Morlac Dairy	Butter and dairy products
Motor List Co., 4th & Grand	Lists of auto owners, mailing lists, etc.
National Biscuit Co., 10th & Cherry Sts.	Crackers
National Mfg. Co., 102 S. E. 5th	Hog waterers, hog houses, corn testers, corn racks, auto pails
National Printing & Democrat Co., No. 6, Watrous Block	Printing and publishing
New Era Toy Co., E. 12th & Fremont	Toys
New Monarch Foundry, 307 E. 1st Ave.	Foundry work
New Monarch Machine & Stamping Co., 406 S. W. 9th St.	Silo equipment, dies, tools, steel
North Des Moines Cigar Co., 316 Euclid	Cigars
Northern Artificial Limb Co., 1023 Walnut St.	Artificial limbs
Northwestern Banker, 7th & High	Publishing
North Western Suspender Co., 207½ Watrous Block	Suspenders, garters, etc.
O'Donnell Printing Co., 3d & Grand Ave.	Printing
Omnigraph Co., 201 E. 5th	Machinery manufacturing
Page, Samuel D. & Co., 1017 Walnut St.	Book binding
Pappas Baking Co., 303-305 S. W. 5th	Bakery products
Park Ave. News, 3138 S. W. 9th	Printing, publishing
Pearsall Mfg. Co., 2911 E. Grand	Extracts, perfume, toilet articles
Penn Electric Machine Co., 8th & Mulberry	Electric apparatus
Peoples Popular Monthly Co., 2d & Center	Publishing
Percival, C. L. Co., 11th & Cherry Sts.	Refrigerators, display cases, butcher supplies, mirrors, etc.
Peter Plan Bakery, 419 E. 6th Ave.	Bakery products
Phillips, M. O., Linotype Co., 517 2d	Linotype composition
Pittsburgh-Des Moines Steel Co., 9th & Tuttle	Bridges, fire escapes, water towers, structural iron work
Pa-Ca-Ta-Lo Medicine Co., 418 E. 5th	Patent medicines
Poncele Water Co., 28th & Ingersoll	Aerated water
Porter-Tidrick Co., 8th & Chestnut	Carriages, wagons
Printcraft Shop, 720 Douglas Ave.	Printing
Prouty-Bowler Soap Co., S. E. 3d & Market	Soap
Prest-O-Lite Co.	Acetylene gas
Puritan Beverage Co., E. 6th & Grand	Soft drinks
Randall Lumber Co., 216 S. & L. Bldg.	Lumber
Rasch, George P., 219-223 E. 1st St.	Patterns, models, auto pilots
Rector Burial Vault Co., E. 8th & Raccoon Sts.	Cement vaults, etc.
Red Ball Bakeries, 313 2d	Bakery products
Red Cedar Mfg. Co., 306 S. W. 9th	Cabinets
Redingers Bakery	Bakery products
Redman, S. C., Bakery, 634 E. Grand	Bakery products
Reese, Simon, 606 West 2d	Cigars
Register-Tribune Co., 715 Locust	Publishing, printing, engraving
Reliable Rug Factory, 840 12th St.	Rugs
Robinson, E. E. Co., 709-711 Equitable Bldg.	Jewelry
Robinson Mfg. Co., 605 8th Sts.	Auto tops
Rowat Cut Stone Co., E. 6th & Vine Sts.	Stone

Name of Firm by Location.	Goods Made
Des Moines—Continued.	
Royal Candy Shop, 611 Locust	Candy and ice cream
St. John & Barquist, 1217 High St.	Galvanized iron and copper cornices
Sanitary Products Co., 632 E. Grand Ave.	Soap, cleaning compounds
Sargent & Ash, E. 20th & Grand	Mixed feeds
Schlampp, Frank Co., 532 Locust St.	Jewelry
Schmitt & Henry Mfg. Co., 301 S. W. 8th	Furniture, mattresses, spring beds
Schulze Baking Co., 325 S. W. 5th	Bakery products
Sefren, S. B., 716-18 Walnut	Furs and coats, muffs, fur hats, etc.
Seick Tent & Awning Co., 912 Locust	Awnings and tents
Sella Mfg. Co., 207 E. 2d St.	Tractor steering device
Sentry Mfg. Co., 416 W. 15th	Adjustable auto windshield
Shaver Carriage Co., 310 E. 3d St.	Wagons, carriages, and parts
Sheuerman Bros., 8th & Vine	Ladies woolen skirts, men's coats, college blankets, mackinaws.
Shine Easy Shoe Polish Co., 735 9th	Shoe polish
Shreves, Dr. Remedy Co., 1533 E. Grand	Patent medicines
Skondras Candy Co., 313 6th Ave.	Candy, ice cream
Smith, Carl K., Press, 807 Walnut St.	Printing
Smith & Smith Printing Co., 316 Locust	Printing
Sowers, E. E., 211 E .2d	Furnaces
Spencer-Williamson Printing Co., 216 Davidson Bldg.	Printing
Standard Chemical Co., 1019-1021 High	Medicines, pharmaceuticals
Standard Glass & Paint Co., 110 W. 10th St.	Beveled glass and mirrors
Standard Printing Co., 1017 Walnut	Printing
Standard Stock Powder Co., 205 E. Locust	Stock remedies
Standard Welding & Machine Co., 416-418 E. 2d.	Machine work, welding
Star Brick Yards, 22d & Shaw Sts.	Brick
Steel Roofing & Stamping Works, 500 S. W. 2d.	Steel roofing, steel auto garages
Stelling's Bakery, 1309 Forest	Bakery products
Stephenson, Geo. W., Printing Co., 618 E. Locust.	Printing
Stoner-McCray System, 1213 Grand Ave.	Electric signs, board signs
Successful Farming Pub. Co., 1718 Locust	Publishing of magazine
Success Heater & Mfg. Co., 1015 Murphy St.	Heaters, stoves
Success Linotype Composition Co., Third and Chestnut	Linotype composition
Swander, Sid M., Mfg. Jeweler, 214 Davidson Bldg.	Jewelry
Swift & Company	Poultry, butter and produce packing
Swigert-Howard Mfg. Co., 707 W. Locust	Shirts and underwear
Talbott-Eno Co., 407 5th	Printing
Taylor, W. H. (Des Moines Coal Chute Co.) 1326 8th	Coal chutes
Teetor Adding Machine Co., 720 6th Ave.	Adding machines
Thompson Mfg. Co., 310 2d St.	Patterns, vacuum cleaners, candy pullers
Tone Bros., 109-111 Court	Coffee, spices, etc.
Turner & Son, Chicago Bakery, 213 E. Walnut.	Bakery products
Ungles Pie Co., 1316 Center	Pie
U. S. Ice Machine & Construction Co., 200 New York Ave.	Ice machines
United States Register Co.	Hot air registers

Name of Firm by Location.	Goods Made
Des Moines—Continued.	
University Press, 419 4th St. (Upstairs)	Printing
Waldner, George, Bakery, 903 Grand Ave.	Bakery products
Walker Chemical Co., 207 Euclid	Chemical preparations
Wallace Publishing Co., 11th & Walnut	Publishing of farm magazine
Walther Company, The, 202 E. 5th	Electric lighting fixtures
Waterbury Chemical Co., E. 2nd & Locust	Medicines, chemical prep.
Watts, Frank, 908 Center	Bakery products
Weber's Bottling Works, 2116 S. E. 5th	Soft drinks
Weeks, D. & Co., Inc., E. 1st & Court	Medicines
Weissinger, Carl, Bakery, 418 E. 6th	Bakery products
Welch, J. H. Printing Co., Inc., 1313 Locust	Printing, binding
Western Newspaper Union, 108 7th St.	Patent insides, printers plates, streotyping
Whitnell Mfg. Co., 300 S. W. 9th	Sheet metal works
Wilcox, Steeve C. & Son, 617 Walnut St., 2d floor	Jewelry
Wilson Concrete Co., 310 S. E. 9th	Concrete products
Win-Her Washer Co., E. 2d & Vine	Washing machines
Wistrom Casket Co., 567 7th St.	Casket mfrs.
Wood Bros. Thresher Co., E 20th & Washington	Threshers, traction engines, self-feeders, grain separators
Wright, John L., Shirt Factory, 708 Observatory Building	Shirts
X-Ray Incubator Co., 1931 Des Moines	Incubators
Youngstrom, Carl, Machine Shop, 417 12th St.	Machine work

DE SOTO (261) Dallas County
C. R. I. & P. Ry.

De Soto Brick & Tile Works	Brick and tile

DE WITT (1,849) Clinton County
C. & N. W.; C. M. & St. P. Rys.

Banta, A. E.	Ice cream
Benedict's Printery	Printing
Brown & Churchill	Brick and tile
Clinton County Central Creamery Co.	Butter and ice cream
De Witt Observer	Printing, publishing
Iowa Electric Co.	Electric power
Pope, H. L.	Stock food

DEXTER (790) Dallas County
C. R. I. & P. Ry.

Dexter-Farmer Canning Co.	Canned corn and pumpkin
Dexter Sentinel	Printing, publishing
Farmers Co-op. Creamery Ass'n.	Butter

DIAGONAL (569) Ringgold County
C. G. W.; C. B. & Q. Rys.

Diagonal Reporter	Printing, publishing

DICKENS (337) Clay County
C. M. & St. P. Ry.

Farmers Creamery Co.	Butter

DIKE (453) Grundy County
C. & N. W. Ry.

Dike New Era	Printing, publishing
Fredsville Creamery Co., 4 mi. N. E.	Butter

Name of Firm by Location.	Goods Made
DIXON (197) Scott County C. M. & St. P.; C. R. I. & P. Rys.	
Hansen, John	Harness
DONNELLSON (456) Lee County C. B. & Q. Ry.	
Donnellson Review	Printing, publishing
Holdefer, Charles	Flour
DOON (576) Lyon County G. N.; C. M. & St. P. Rys.	
Ardama, Charley	Cement blocks
Doon Press	Printing, publishing
DORCHESTER (140) Allamakee County 11 miles from Spring Grove, Minn., the nearest shipping point.	
Dorchester Cheese Factory	Cheese
DOUGHERTY (200) Cerro Gordo County C. & N. W. Ry.	
Dougherty Co-op. Creamery Co.	Butter
Dougherty World	Printing, publishing
DOW CITY (572) Crawford County C. & N. W.; Ill. Cen. Rys.	
Dow City Reporter	Printing, publishing
DOWS (1,145) Wright and Franklin Counties C. R. I. & P. Ry.	
Dows Advocate	Printing, publishing
Dows Tile & Cement Co.	Cement blocks, drain tile
Farmers Creamery Co.	Butter
DUBUQUE (39,141) Dubuque County Ill. Cen.; C. M. & St. P.; C. G. W.; C. B. & Q. Rys.; Streckfer's Steamboat Line	
Adams Company, The, 295 6th St.	Milling machines, grinding stands, gear hobbing machines, stove repairs, moulding machines, foundry products
Artesian Bottling Works, 2327 Couler St.	Mineral and soda water
Beach, Jas. & Sons, Locust St.	Soap
Beatrice Creamery Co., 7th & Iowa Sts.	Butter, ice cream
Belsky & Company, 16th & Sycamore	Meat packing
Beutin, Frank, 501 Garfield Ave.	Brick
Bock, George, 2197 Couler Ave.	Wagons
Bradley Bros., 717 Iowa St.	Cigars
Brouillet Sheet Metal Works, 271 Iowa St.	Cornices, sheet iron products
Brunswick-Balke-Collender Co., Jackson & Peru	Phonographs
Butt Bros., 645 Iowa	Wagons
Carr, Ryder & Adams Co., 9th & Jackson	Sash, doors, blinds
Casper-Lehner Co., 305 7th St.	Monuments
Catholic Printing Co., 295 6th St.	Printing, publishing
Champion Concrete Mixer Co., 130 1st St.	Concrete mixers
Chicago, Milwaukee & St. Paul Ry. Shops, Garfield Street	Car and locomotive repairs
Clark Roller Awning Co., 220-48 Iowa St.	Roller awnings, canvas fire escapes, tents

Name of Firm by Location.	Goods Made
Dubuque—Continued.	
Coca Cola Bottling Works, 441 White	Coca cola
Cooper, A. A. Wagon & Buggy Co., 299 Main St.	Carriages, wagons and parts
Corn Belt Packing Co.	Meat packing, by-products
Demkier Bros.	Brooms
Doran & Kies, 1202 White	Monuments
Dorgan-Uhlrick Co.	Stone
Dubuque Altar Mfg. Co., 860 19th St.	Altars, pews, church furnishings
Dubuque Biscuit Co., 9th & Jackson	Cakes, crackers, etc.
Dubuque Boat & Boiler Works, 550 3d St.	Steel boats, barges, pneumatic water tanks
Dubuque Casket Co., 18th & Washington	Caskets
Dubuque Dye Works, 669 Iowa St.	Dyes, dyeing
Dubuque Electric Co.	Electric light and power
Dubuque Mattress Factory, 63 West Main	Mattresses, spring beds
Dubuque Motor Boat Ways	Boats
Dubuque Packing Co., 16th & Cedar	Meat packing
Dubuque Show Case & Cabinet Works, 163 Main St.	Show cases, store and office fixtures
Dubuque Spiral Harrow Co., 29th & Elm	Spiral harrows
Dubuque Tanning & Robe Co., 10th & White Streets	Leather tanning, furs, fur goods
Dubuque Truck & Tractor Co., 27th & Rr. Tks.	Tractors and trucks
Eagle Point Lime Works, Line St. & Lincoln Ave.	Lime and crushed stone
Eagle Roller Mills	Flour and feed
Ede's Robe & Tanning Co., 95 West Main	Tanning, furs, fur dressers and dyers, taxidermists
Ellwanger Bros., 1256 Clay	Harness and saddlery
Enterprise Printing Co., 2146 Couler Ave.	Printing, publishing
Enzler, Joseph A., 552 Main St.	Trunks, sample cases
Ernsdorff, John, Iron Co., Main & Jones	Wagon boxes and parts, bobs, bolster springs
Farley & Loetscher Mfg. Co., 7th & White St.	Bank and office fixtures, sash, doors, mill work
Federal Bakeries, 860 Main	Bakery products
Ferguson Mfg. Co., 62 S. Main St.	Butter
Fischer Artificial Ice & Cold Storage Co., 302 Iowa St.	Ice
Frith's Rendering Works, North of City	Fertilizer
Galena Glove & Mitten Co., 470 Garfield	Cotton flannel gloves and mittens
Geisler Bros., 503-509 Locust	Tin and galvanized iron products
Glover, H. B., Co., 470 Iowa	Clothing
Hammel-Henker Co., 18th & Pine	Flour and feed
Hardie, M. S., 517 Locust	Printing, publishing, blank books
Hawkeye Casket Co., 11th & Elm	Caskets
Hawkeye Steam Vulcanizing Works, 655 Iowa	Vulcanizing
Heim, John L. & Son, 3242 Couler Ave.	Brick
Heller, R. H., 1618 Clay	Cigars
Hoerman Press, 8th St.	Printing
Hoffman, Paul, 1301 Maple	Horse collars
Holz, Frank, 1849 Couler Ave.	Cigars
Humke, F. O., 1527 Clay St.	Bakery products

Name of Firm by Location.	Goods Made
Dubuque—Continued.	
Illinois Central Shops	Car and locomotive repairs
Iowa Coffin Co., 15th & Elm	Coffins, burial caskets
Iowa Cut Stone Works, 11th & Elm	Cut stone
Iowa Dairy Co., 2141 Couler Ave.	Ice cream, butter
Jackson Vinegar Co., 54-60 So. Main	Vinegar, catsup
Jaeger-Kunnert Co., 4th & Iowa	Coffee and spices
Johannsen, M. M., Candy Co., 260 Main	Confectionery
Jones Bros. Overall Co., 364 Main	Children's garments
Key City Bottling Co.	Mineral and soda water
Key City Box Factory, 561 Garfield	Paper boxes
Key City Gas Co., 669 Main	Gas, coke, etc.
Key City Iron Works, 880 Jackson	Iron products
Kistler, Max, 1468 Clay	Cigars
Klauer Mfg. Co., 9th & Washington	Metal ceilings, cornices, irrigating flumes, car heaters, sheet metal products
Kleis, Chris E. Co., 445 9th	Mineral and soda water
Kretschmer Mfg. Co., 9th & Washington	Plumbers supplies
Kringle, Walter C. & Co., 460 10th	Monuments
Labor Leader, The, 153 6th	Printing, publishing
Lenz Monument Works, 1672 Clay	Monuments
Licorice Products Co., 2nd & Iowa	Licorice
Lime Rock Springs Co.	Mineral and soda water
McDonald, A. Y. Mfg. Co., 12th and Pine	Plumbing supplies, brass goods, pumps
McFadden Coffee & Spice Co., 227 1st St.	Coffee, spices, extracts
Marshall, Wm., Steam Boiler Works, 10th and Washington	Boilers, tanks, sheet metal products
Mathis-Metz Co., 6th & Locust	Printing, binding, blank books
Metz Mfg. Co., 17th & Elm	Sash, doors, stairs
Michel, Joseph, 721 Clay St.	Cigars
Midland Chemical Co., 170 Jones	Chemical disinfectants, soap, sweeping compound
Morris-Johnson-Brown Mfg. Co., Foot of 9th	Excelsior
Morrison Bros., 2489 Elm	Steel tanks, brass goods
Mulfinger, C. J., 145 8th	Furs
Mulgrew, M. J. Baking Co., 327 Main	Bakery products
Myers-Cox Co., 409 Iowa	Tobacco
National Hotel Register Co., 465 Main	Printing, publishing, hotel registers
Novelty Bakery, 1078 Main	Bakery products
Novelty Candy Co., 1715 Clay St.	Confectionery
Olinger, John, 857 19th	Cigars
Pauly Printing Co., 143 5th St.	Printing
Peer-Amid Cement Stone Co., 1300 Clay	Cement blocks
Piekenbrock, E. B. Shoe Co., 205 Main	Shoes
Rafoth Furnace Co., 1770 Clay St.	Furnaces
Rath, David E. Inc., 399 Main St.	Shirts, pennants, pillows, felt and leather goods
Rath, Geo. C. & Sons, 385 12th	Pork packing
Rider-Wallis Dry Goods Co., 4th & Locust	Clothing, overalls
Sanitary Milk Co., 345 8th St.	Dairy products, butter, ice cream
Schloz & Son, 1246 Clay	Wagons
Schmid Mfg. Co., 660 18th	Casket hardware
Schulte, Geo. G., 9th & Pine	Cut stone, trimming for buildings
Seippel, Peter J. Lumber Co.	Lumber

Name of Firm by Location.	Goods Made
Dubuque—Continued.	
Shanahan, James, 141 Locust	Mineral and soda water
Sheridan, Clem, Candy Mfr., 137 Main	Candy
Siegele, A., 957 Main	Furs, fur clothing and hats
Smedley Co., The, 499 Garfield	Pumps and numerous foundry products
Stines Baking Co., 107 W. Locust	Bakery products
Strobel, J. H. & Sons Packing Co., 465 Clay St.	Meat packing, hams, bacon and lard
Sussman, Henry, 129 Main St.	Bakery products
Sutter, S. (Columbia Bakery) 1369 Clay St.	Bakery products
Swift & Company, 200 S. Locust	Butter, packed poultry
Telegraph-Herald Co., 5th & Main	Printing, publishing
Tibey, Edward, 1515 Fremont Ave.	Crushed stone
Times Hotel Register Co., 448 Main	Hotel registers, job printing
Times-Journal Co., 448 Main	Printing, publishing
Trenkle, Henry, 1225 Clay	Sausage and meat
Union Printing Co., 158 5th	Printing, blank books
Vienna Bakery, 1130 Iowa	Bakery products
Voggenthaler, E. J. Co., 810-20 8th St.	Foundry and structural iron work, fire escapes, etc.
Watkins Sign System, 636 Main St.	Sign painters
Wimmer, Wm., Sausage Shop, 1533 Clay St.	Sausage and meat
DUMONT (609) Butler County C. & N. W. Ry.	
Dumont Creamery	Butter
Dumont Journal	Printing, publishing
DUNCOMBE (442) Webster County Ill. Cen. Ry.	
Duncombe Tribune	Printing, publishing
DUNKERTON (295) Black Hawk County C. G. W. Ry.	
Dunkerton Cement Works	Cement tile
Produce Milk Co.	Butter
Renz, J. A.	Planing mill products
DUNLAP (1,455) Harrison County C. & N. W.; Ill. Cen. Rys.	
Dunlap Reporter	Printing, publishing
Merritt Milling Co. Inc.	Flour and feed
Robertson Creamery Co.	Butter, ice cream, and ice
DURANT (775) Cedar County C. R. I. & P. Ry.	
Banks, Wm.	Cement blocks
Burmeister, C. H.	Cement blocks
Durant Bottling Works	Mineral and soda water
Durant Farmers Creamery Assn.	Butter
Durant Roller Mills	Flour
Durant Star	Printing, publishing
Schacht, John	Cement blocks
DYERSVILLE (1,933) Dubuque and Delaware Counties Ill. Cen.; C. G. W. Rys.	
Bear Grove Creamery	Butter

Name of Firm by Location.	Goods Made
Dyersville—Continued.	
Dyersville Commercial	Printing, publishing
Glover, H. B. Co.	Men's shirts, etc.
Goetzinger, Nic. & Sons Co.	Wagons, auto boxes, etc.
Golden Star Creamery	Butter
Huberty Bros.	Soda water
Jaeger, Martin	Butter tubs, cooperage work
Waterloo Canning Co.	Canned corn
DYSART (955) Tama County C. R. I. & P. Ry.	
Dysart Brick & Tile Co.	Brick and tile, farm drain tile
Dysart Cement Block Co.	Cement building blocks
Dysart Reporter	Printing, publishing
Waterloo Canning Co.	Canned corn
EAGLE GROVE (4,433) Wright County C. & N. W.; C. G. W. Rys.	
Blake & Campbell	Cement blocks
Chicago & Northwestern Ry. Shops	Car and locomotive repairs
Dodge & Baker	Monuments
Eagle Grove Eagle	Printing, publishing
Hoffbauer, L.	Mineral and soda water
McIntyre, V.	Cement blocks
Middleton, Samuel	Ice cream
Northern Iowa Gas & Electric Co.	Electricity, gas
Times-Gazette	Printing, publishing
EARLHAM (803) Madison County C. R. I. & P. Ry.	
Earlham Echo	Printing, publishing
EARLVILLE (619) Delaware County Ill. Cen. Ry.	
Earlville Creamery	Butter
Earlville Phoenix	Printing, publishing
Schaller, Adam & Son	Wagons
EARLY (568) Sac County C. & N. W. Ry.	
Early News	Printing, publishing
Lund, John	Wagons
Rowe, E. E. Gaslight & Heating Co.	Gas and heat
EAST PERU (253) Madison County C. G. W. Ry.	
Peru Stone & Cement Co.	Crushed stone, etc.
EDDYVILLE (961) Wapello and Mahaska Counties C. R. I. & P.; M. & St. L. Rys.	
Eddyville Electric Light Plant	Electric light and power
Eddyville Sand & Gravel Co.	Worked and screened sand and gravel
Eddyville Tribune	Printing, publishing
EDGEWOOD (617) Clayton and Delaware Counties C. M. & St. P. Ry.	
Edgewood Farmers Co-op. Creamery	Butter
Edgewood Journal	Printing, publishing
Hatch, F. H. Co. Creamery	Butter
Madison, C. B.	Ice cream

Name of Firm by Location.	Goods Made
ELDON (2,091) Wapello County	
C. R. I. & P. Ry.	
Eldon Dry Press Brick Co.	Pressed brick
Eldon Electric Light & Water Works	Electric light and power
Eldon Forum	Printing, publishing
ELDORA (3,189) Hardin County	
M. & St. L.; C. & N. W. Rys.	
Eldora Creamery Co.	Butter, packed poultry
Eldora Granite Works	Monuments
Eldora Herald	Printing, publishing
Eldora Pipe & Tile Co.	Clay pipe, tile, blocks
Ellsworth, F. L.	Cement blocks
Hardin County Ledger	Printing, publishing
Iowa River Light & Power Co.	Electric light and power
Wood's Bottling Works	Mineral and soda water
ELGIN (623) Fayette County	
C. R. I. & P. Ry.	
Elgin Canning Co.	Canned corn
Elgin Cement Works	Cement blocks, brick, posts
Elgin Echo	Printing, publishing
Elgin Farmers Dairy Co.	Butter
Schmid, C. Theodore	Harness
Weibel Mill Co.	Graham, buckwheat and rye flour, corn meal, etc.
ELKADER (1,223) Clayton County	
C. M. & St. P. Ry.	
Clayton County Democrat	Printing, publishing
Crown Brand Creamery	Butter
Elkader Bottling Works	Mineral and soda water
Elkader Electric Light Co.	Electric light and power
Elkader Register	Printing, publishing
Schmid Bros. & Co.	Flour and feed
ELK HORN (589) Shelby County	
A. N. Ry.	
West Hamlin Creamery (Rural Del.)	Butter
ELKPORT (202) Clayton County	
C. M. & St. P. Ry.	
Elkport Cheese & Cream Co.	Cheese
ELLIOTT (586) Montgomery, County	
C. B. & Q. Ry.	
Elliott Graphic	Printing, publishing
ELLSTON (212) Ringgold County	
C. B. & Q. Ry.	
Des Moines Creamery Co.	Butter
ELLSWORTH (512) Hamilton County	
C. & N. W. Ry.	
Ellsworth Creamery Co.	Butter
Ellsworth News	Printing, publishing
ELMA (874) Howard County	
C. G. W. Ry.	
Consumers Electric Co.	Electric light and power
Elma Co-op. Creamery Co.	Butter
Elma New Era	Printing, publishing
Maple Leaf Creamery Co.	Butter
Whelan Produce Co.	Butter and produce

Name of Firm by Location.	Goods Made
EMERSON (475) Mills County	
C. B. & Q. Ry.	
Chronicle Printing Co.	Printing, publishing
McMullen, J. Wm.	Cement blocks
EMMETSBURG (2,762) Palo Alto County	
C. R. I. & P.; C. M. & St. P. Ry.	
Atkinson, Mrs. Roy (Emmetsburg Ice cream and Bottling Works)	Mineral and soda water, ice cream
Emmetsburg Creamery Co.	Butter
Emmetsburg Democrat	Printing, publishing
Godden Monument Co.	Monuments, marble and granite work
Northern Iowa Gas & Electric Co.	Electricity, gas
Palo Alto Reporter	Printing, publishing
Palo Alto Tribune	Printing, publishing
Shadbolt & Middleton	Concrete drain tile
ENGLISH BENCH (Not Inc.) Allamakee County	
English Bench Cheese Factory (Send mail to R. H. Murphy, Waukon, Iowa)	Cheese
EPWORTH (468) Dubuque County	
Ill. Cen. Ry.	
Hartenberger, J. R., Handle Co.	Handles
ESSEX (727) Page County	
C. B. & Q. Ry.	
Essex Roller Mills (Farmers Co-op. Ex., Inc.)	Flour and feed
The Independent	Printing, publishing
ESTHERVILLE (4,699) Emmett County	
C. R. I. & P.; M. & St. L. Rys.	
Cement Products Co.	Cement blocks, tile
Chicago, Rock Island & Pacific Shops	Car repairs
Crystal Springs Bottling Works	Mineral and soda water
Estherville Enterprise	Printing, publishing
Hogett, Richard	Cigars
Municipal Electric Light, Water and Gas Works	Electric light and power
Vindicator & Republican Co.	Printing, publishing
EXIRA (840) Audubon County	
C. R. I. & P. Ry.	
Audubon County Journal	Printing, publishing
Audubon Township Creamery, 6 miles East	Butter
Beck, N. L.	Harrows, pig puller and pig snooter
Exira Creamery Co.	Butter
FAIRBANK (657) Buchanan and Fayette Counties	
C. G. W. Ry.	
Fairbank View	Printing, publishing
Farmers Co-op. Creamery Co.	Butter
FAIRFIELD (5,948) Jefferson County	
C. B. & Q.; C. R. I. & P. Rys.	
Angstead, Wm. H.	Cigars
Bake-Rite Co.	Bakery products
Bevering, Wm. F.	Cigars

Name of Firm by Location.	Goods Made
Fairfield—Continued.	
Daylight Bakery (H. C. Davis)	Bakery products
Dexter Company	Washing machines
Fairfield Cement Block Co.	Cement blocks
Fairfield Engine Co.	Machine work, engines
Fairfield Glove & Mitten Co.	Cotton and leather gloves and mittens
Fairfield-Iowa Curtiss Airplane Corp.	Assembling of planes, manufacturing, a commercial field and station
Fairfield Marble & Granite Works	Monuments, etc.
Fairfield Pure Ice Co.	Ice
Federal Bakery	Bakery products
Forest City Bottling Works	Mineral and soda water
Harper Brush Works	Brushes, whisks
Hartman, R. E.	Ice cream
Hawkeye Pump Co.	Pumps, tanks, cupolas
Iowa Electric Co.	Electric light and power
Iowa Malleable Iron Co.	Malleable castings
Kearns, C. H.	Cement blocks, silo staves
Ledger-Journal Printing Co.	Printing, publishing
Long C. F.	Cigars
Louden Machinery Co.	Farm hardware specialties
Nelson L. J.	Galvanized steel tanks
Pence, W. H.	Machine shop
Raible, Fred M.	Cigars and tobacco
Saucer, Phillip	Bakery products
Staves Bros.	Candy, ice cream
Stuckey & Gossick	Flour and feed
Tribune, The	Printing, publishing
Turney, Joel & Co.	Wagons, etc.
Turner & Facer	Bakery products
Wnorowski, B. F.	Job printing

FARLEY (651) Dubuque County
Ill. Cen.; C. G. W.; C. M. & St. P. Rys.

Advertiser, The	Printing, publishing
Hawkeye Creamery Co.	Butter
Hickory Valley Creamery Co.	Butter

FARMINGTON (1,086) Van Buren County
C. R. I. & P.; C. B. & Q. Rys.

City Electric Light Co.	Electric light and power
Crayton, Rabb	Cigars
Farmington Canning Co.	Canned tomatoes
Farmington Tile & Brick Factory	Brick and tile
Farmington Vinegar & Pickling Works	Vinegar and pickles
Kelley, E. S.	Ice cream, mineral and soda waters
News-Republican	Printing, publishing
Thero, H. O. Produce Co.	Eggs and poultry packing

FARNHAMVILLE (380) Calhoun County
C. & N. W. Ry.

Farmers Lumber Co.	Mfr. cement blocks
Farnhamville Index	Printing, publishing and calendars

FARRAGUT (494) Fremont County
C. B. & Q. Ry.

Farragut Public Service Co.	Artificial ice

Name of Firm by Location.	Goods Made
FAYETTE (1,085) Fayette County	
C. M. & St. P. Ry.	
Fayette Mutual Creamery Assn.	Butter
Hathaway & Griffith	Printing, publishing
FENTON (391) Kossuth County	
C. & N. W. Ry.	
Fenton Creamery Co.	Butter
FERTILE (223) Worth County	
3¼ miles S. W. of Hanlontown, the nearest shipping point	
Fertile Co-op. Dairy Co.	Butter
Foster, Lewis M. (owner, Fertile Mills)	Flour and feed
FESTINA (150) Winneshiek County	
5 miles from Calmar, the usual shipping point	
Festina Co-op. Creamery Co.	Butter
FONDA (1,136) Pocahontas County	
Ill. Cen.; C. M. & St. P. Rys.	
Fonda Times	Printing, publishing
Jackson, Thomas	Butter
FONTANELLE (869) Adair County	
C. B. & Q. Ry.	
Fontanelle Observer	Printing, publishing
FOREST CITY (2,145) Winnebago County	
C. R. I. & P.; M. & St. L. Rys.	
Forest City Broom Factory	Brooms
Forest City Cement Products Co.	Cement tile
Forest City Co-op. Creamery Co.	Butter
Independent, The	Printing, publishing
Northern Iowa Gas & Electric Co.	Electric power
Summit Printing Co.	Printing, publishing
Virden Canning Co.	Canned corn and vegetables
Vold Mfg. Co.	Seed corn driers
Winnebago County Republican	Printing, publishing
FORT DODGE (19,347) Webster County	
Ill. Cen.; C. G. W.; M. & St. L.; F. D. D. M. & S. Rys.	
American Cement Plaster Co., 903 Central Ave.	Hard plaster
Bock Bros., Oxacetylene Welding & Boiler Works, 113 So. 12th St.	Welding and brazing, boiler work
Bradshaw & Company, 17th near Limits	Brick
Cardiff Gypsum Plaster Co., 903 Central Ave.	Hard plaster
Crosby-Olson Cabinet Co., 1228 Central Ave.	Cabinets and wood work
Crystal Ice Co.	Ice
Delano, A. C., Granite & Marble Works	Monuments, etc.
Elgin Dairy, 315 2nd Ave. So.	Ice cream
Federal Portland Cement Co.	Cement
Ft. Dodge Bottling Works, 401 1st Ave. So.	Mineral and soda water
Ft. Dodge Brick & Tile Co., End of 1st	Brick and tile
Ft. Dodge Canvas Works	Awnings and tents
Ft. Dodge Cornice & Metal Works	Culverts, sheet metal products
Ft. Dodge Creamery Co., 1st Ave. & 1st St.	Butter, ice cream
Ft. Dodge Culvert & Iron Mills Co., 524 N. 7th	Culverts, commercial bar iron and steel rods

Name of Firm by Location.	Goods Made
Fort Dodge—Continued.	
Ft. Dodge Foundry, 9 So. 1st	Castings
Ft. Dodge Gas & Electric Co., 914 1st Ave. So.	Gas, electric power
Ft. Dodge Machine & Welding Co., 614 1st Ave. So.	Machine work
Ft. Dodge Model Works, 100 1st So.	Wooden models and patterns
Ft. Dodge Packing Co.	Meat packing
Ft. Dodge Plating Co.	Electroplating
Ft. Dodge Serum Co., 2 miles N. W. of Court House	Hog cholera serum
Ft. Dodge Sheet Metal & Boiler Works	Boilers, sheet metal work
Gerken, Henry, Harness Shop	Harness and saddlery
Gold Bar Creamery Co.	Butter
Gypsum City Bottling Works	Mineral and soda waters
Hawkeye Clay Works	Brick and tile
Hohn, Chris, Cabinet Shop	Cabinets, wood work
Horn, Paul, 136 Central Ave.	Sash, doors, mill work
Illinois Central Ry. Shops	Car repairs, etc.
Independent Printing Co., 18 N. 7th	Printing
Iowa Foundry & Mfg. Co., 1st Ave. & N. 21st	Concrete mixing machines
Iowa Hydraulic Stone Co., 17 So. 8th	Cement blocks, cast work
Iowa Paint Mfg. Co., 830 11th Ave. So.	Fire resisting paints
Iowa Steel Post Co.	Steel posts
Jorgensen, A. W., Cabinet Shop	Cabinets, wood work
Kalo Brick & Tile Co., 526½ Central Ave.	Brick and tile
Lehigh Sewer Pipe & Tile Co., 200-204 1st Nat'l Bank Bldg.	Sewer pipe, tile and flue lining
Loomis, A. R. & Son	Butter and eggs
Loomis-Woodward Candy Co.	Candy
Marso & Rodenborn Mfg. Co., 1218 S. 22nd	Cotton gloves
Martin's Fire Works Co.	Fire works
Men-Tho-Eze Co., The, 721½ Central Ave.	Patent medicines
Messenger Printing Co., 713 Central Ave.	Printing and publishing
Minneapolis & St. Louis Shops	Car and locomotive repairs
Monarch Telephone Mfg. Co., 300 1st Ave. So.	Telephones and supplies
Mulroney Mfg. Co., 702 1st Ave. N.	Overalls, clothing
Murphy, Neal, Cigar Factory, 30 Arthur Block	Cigars
Nydegger, A. Edw., Bakery, 925 Central Ave.	Bakery products
Pfaff Baking Co., 1802 1st Ave. So.	Wholesale Mfg. of bread
Plymouth Clay Products, 211 1st National Bank Building	Brick and tile
Plymouth Gypsum Co., 211 1st National Bank Building	Plaster and retarder
Quaker Oats Co., foot of Central Ave.	Oatmeal and cereals
Sanders Furnace Co., 16 N. 11th St.	Furnaces
Sargent Tile Ditcher Co., 1st St. and 7th Ave. N.	Ditching machines
Superior Foundry Co.	Castings, foundry work
Thompson Bakery Co., 12th Street	Bakery products
Thompson, S. H., Co.	Butter tubs, tanks, cooperage work
United States Gypsum Co.	Plaster, gypsum, stucco
Upper River Ice Co.	Ice
Vincent Clay Products Co., 612 1st National Bank Building	Brick and tile
Walterick Printing Co.	Printing
Ward, F. E., Printing Co.	Printing
Wasem Plaster Co., 720½ Snell Building	Plaster, stucco, gypsum
Weston, Clarence J., Route 5	Dump cars, foundry work

Name of Firm by Location.	Goods Made
FORT MADISON (12,066) Lee County	
A. T. & S. F.; C. B. & Q. Rys.	
American Fork & Hoe Co., 4th & Oliver	Farming tools
Anthes Force Oiler Co., 113 Pine St.	Improved pump cans
Artesian Ice Co.	Artificial ice
Atchison, Topeka & Santa Fe Shops	Car and locomotive repairs
Atlee, S. & J. Co.	Mill work, packing boxes, chicken coops
Big Farmer Corporation, foot of Vermont	Spading machines
Bonicamp Mfg. Co., 1135 Front	Horse collars
Burlington Pickle Co., 220 Spruce	Pickles
Continental Machine & Foundry Co.	Ice machines, foundry work
Curtis Handle Co., 1109 Des Moines St.	Tool handles
Democrat Co., The, 502 2nd	Printing, publishing
Dodd Printing Co., 114 Market	Printing
Ft. Madison Button Co., Des Moines Street	Pearl button blanks
Ft. Madison Canning Co., Walker & Beck	Canned tomatoes
Ft. Madison Creamery Co.	Butter
Ft. Madison Foundry Co.	Foundry products
Ft. Madison Gas Light Co., 207 Pine	Gas
Ft. Madison Marble & Granite Co., 932 2nd St.	Monuments, etc.
Hinde & Dauch Paper Co., Hamilton & Occidental Sts.	Corrugated fibre board shipping boxes
Hutton, Wm. M., 617 2nd	Cigars
International Handle Co.	All kinds of handles
Krebill Bros. Milling Co., 1226 Front	Flour and feed
Larsen's Bakery	Bakery products
Perfection Tire & Rubber Co.	Tires and tubes
Reichelt, Julius, 2 miles N. E.	Brick
Robers, George & Son, 616 2nd	Harness
Ruddy, Patrick Seed Co.	Seeds
Shaeffer, W. A., Pen Co., 335 Front	Fountain pens, sharp point pencils
Stellern Bottling Works, 820 2nd	Mineral and soda water
Stempel Dental Specialty Co., 609 Front	Dental specialties
United Fence Co.	Fence, wire goods
Wardway Paper Mills	Paper
FRANKVILLE (175) Winneshiek County	
Rural delivery from Postville, Iowa	
Frankville Cheese Factory	Cheese
FRASER (391) Boone County	
Ft. D., D. M. & So. Ry.	
Ft. Dodge, Des Moines & Southern Ry. Power Plant (Office at Boone, Iowa)	Electric power
McHose Sand & Tile Co.	Brick and tile
FREDERICKSBURG (624) Chickasaw Co.	
C. G. W. Ry.	
Fredericksburg Butter Factory	Butter
Fredericksburg News	Printing, publishing
FREDERIKA (210) Bremer County	
8 miles N. W. of Tripoli, nearest shipping point	
Frederika Creamery Assn.	Butter
FREMONT (544) Mahaska County	
M. & St. L.; C. B. & Q. Rys.	
Fremont Gazette	Printing, publishing

Name of Firm by Location.	Goods Made
GALVA (539) Ida County	
C. & N. W. Ry.	
Galva Truck Body Factory	Truck bodies
The Tribune	Printing, publishing
GARBER (189) Clayton County	
C. M. & St. P. Ry.	
Garber Farmers Co-op. Creamery Co.	Butter
GARDEN GROVE (666) Decatur County	
C. B. & Q. Ry.	
Elk Horn Mills & Elevator	Flour and feed
Mallette, C. D.	Brooms
GARNAVILLO (314) Clayton County	
C. M. & St. P. Ry. is 6 miles East	
Garnavillo Creamery Co.	Butter
Garnavillo Tribune	Printing, publishing
GARNER (1,311) Hancock County	
C. M. & St. P.; C. R. I. & P. Rys.	
Farmers Co-op. Creamery Co.	Butter
Garner Roller Mills	Flour
Garner Signal	Printing, publishing
Hancock County Democrat	Printing, publishing
Iowa Falls Electric Co.	Electric light and power
Merrill, Horace	Cement blocks
Steil, J. N.	Harness
GARRISON (437) Benton County	
C. R. I. & P. Ry.	
Garrison Brick & Tile Works	Brick and tile
Iowa Canning Co.	Canned corn
GARWIN (587) Tama County	
C. & N .W. Ry.	
Garwin Record	Printing, publishing
GEORGE (788) Lyon County	
Ill. Cen. Ry.	
George Creamery Co.	Butter, ice cream
George Granitoid Works	Granitoid and granite products
Lyon County News	Printing, publishing
GILMAN (490) Marshall County	
M. & St. L. Ry.	
Gilman Canning Co.	Canned corn
Gilman Dispatch	Printing, publishing
GILMORE CITY (919)	
Pocahontas and Humboldt Counties	
M. & St. L. Ry.	
Gilmore Portland Cement Corporation	Cement, crushed stone
GLADBROOK (961) Tama County	
C. & N. W.; C. G. W. Rys.	
Clark Meter Co.	Blast meter for foundries
Gethmann Brick Co.	Brick
Gladbrook Creamery Co. (Grady Produce Co.)	Butter and ice cream, and cream station
Gladbrook Mustard Factory	Mustard
Gladbrook Pressed Brick & Tile Co.	Brick and tile
Tama Northern	Printing, publishing

Name of Firm by Location.	Goods Made
GLENDON (50) Guthrie County	
C. R. I. & P. Ry.	
Glendon Brick & Tile Co.	Brick and tile
GLENWOOD (3,862) Mills County	
C. B. & Q. Ry.	
Glenwood Canning and Food Producing Co.	Canned corn, beets, and tomatoes
Glenwood Creamery Co.	Butter, ice cream
Glenwood Granite Works	Monuments
Glenwood Opinion	Printing, publishing
Mills County Tribune	Printing, publishing
GLIDDEN (867) Carroll County	
C. & N. W. Ry.	
Glidden Electric Light & Power Co.	Electric light and power
Glidden Graphic	Printing, publishing
Truesdale, John, Cement Plant	Cement tile, blocks, ornamental porch columns, cornices, vases
GOLDFIELD (749) Wright County	
C. R. I. & P.; C. & N. W. Rys.	
Goldfield Chronicle	Printing, publishing
Goldfield Farmers Co-op. Creamery Co.	Butter
GOWRIE (895) Webster County	
C. & N. W.; Ft. D. D. M. & S.; M. & St. L. Rys.	
Gowrie Co-op. Creamery Co.	Butter, ice, ice cream
Gowrie News	Printing, publishing
McHose Sand & Tile Co.	Cement tile, blocks, etc.
GRAETTINGER (779) Palo Alto County	
C. R. I. & P. Ry.	
Farmers Creamery Co.	Butter
Graettinger Tile Works	Tile
Graettinger Times	Printing, publishing
Lost Island Creamery Co., 6 mi. S. W.	Butter
Peterson, John	Wagons
GRAFTON (233) Worth County	
C. M. & St. P. Ry.	
Farmers Creamery	Butter
GRAND JUNCTION (1,010) Greene County	
C. & N. W.; M. & St. L. Rys.	
Grand Junction Globe	Printing, publishing
Modern Construction Co.	Cement tile, posts, etc.
Nicholson, G. W. Co.	Butter, poultry packing
GRAND RIVER (425) Decatur County	
C. B. & Q. Ry.	
Greely Printing Co.	Printing, publishing
GRANVILLE (358) Sioux County	
C. & N. W. Ry.	
Schmidt, George	Harness
GRAVITY (464) Taylor County	
C. B. & Q. Ry.	
Burrows, Elbert	Harness
Gravity Independent	Printing, publishing

Name of Firm by Location.	Goods Made
GREELEY (410) Delaware County	
C. M. & St. P. Ry.	
Greeley Farmers Co-op. Creamery Co.	Butter
Home Press	Printing, publishing
GREENE (1,375) Butler County	
C. R. I. & P. Ry.	
City Mills	Flour and feed
Farmers Co-op. Creamery Co.	Butter
Greene Electric Light & Power Co.	Electric light
Ingalls & Mahnke (The Iowa Recorder)	Printing, publishing
Koehn & Company	Cement blocks
Royalty, George Cement Block Co.	Cement blocks
Starkwether & Company	Cement blocks
GREENFIELD (1,707) Adair County	
C. R. I. & P. Ry.	
Adair County Free Press	Printing, publishing
Greenfield Creamery Co.	Butter
Greenfield Electric Light Plant	Electric light and power
Greenfield Monument Works	Monuments
Sheldon Cement Block Factory	Cement blocks and tile
GREENVILLE (167) Clay County	
M. & St. L. Ry.	
Greenville Creamery Co.	Butter
GRIMES (524) Polk County	
C. M. & St. P. Ry	
Grimes Canning & Preserving Co.	Canned corn, pumpkins, fruits, pork and beans
GRINNELL (5,362) Poweshiek County	
C. R. I. & P.; M. & St. L. Rys.	
Central States Mfg. Co.	Sanitary poultry roosts
Grinnell Bakery	Bakery products
Grinnell Canning Co.	Canned corn
Grinnell Clay Products Co.	Brick and tile
Grinnell Herald	Printing, publishing
Grinnell Register Co.	Printing, publishing
Grinnell Washing Machine Co.	Washing machines
Harding, Frank	Monuments
Iowa Concrete Products Co.	Cement blocks, brick, and burial vaults
Iowa Light, Heat & Power Co.	Electric light and power
Maplehurst Dairy Co.	Butter, ice, etc.
Minneapolis & St. Louis Roundhouse	Engine repairs
Morrison-Ricker Mfg. Co.	Gloves
Peoples Light & Fuel Co.	Gas and coke
Spaulding Mfg. Co.	Carriages, autos, and parts
GRISWOLD (1,264) Cass County	
C. B. & Q.; C. R. I. & P. Rys.	
Griswold American	Printing, publishing
Hog Trough Mfg. Co.	Hog troughs, scoop board, scale racks, chicken coops, hen nests, etc.
Scharf Brothers	Hay racks, wagon boxes

Name of Firm by Location.	Goods Made
GRUNDY CENTER (1,749) Grundy County C. R. I & P. Ry.	
Cheney, Robert H.	Harness
Grundy Canning Co.	Canned corn
Grundy Center Electric Light Co.	Electric power
Grundy Dispatch	Printing, publishing
Grundy Republican	Printing, publishing
GUTHRIE CENTER (1,727) Guthrie County C. R. I. & P. Ry.	
Bryan, Wm.	Brazing and lathe work
City Mills	Flour and feed
Ely & Warrington	Wagons, repairs, etc.
Farmers Creamery & Produce Co.	Butter and produce
Grissell's, A. H., Sons (The Guthrian)	Printing, publishing
Hibbard Cleveland	Cabinets
Houk & Mallon	Cigars
Iowa Electric Co.	Electric light and power
McLaughlin Cigar Co.	Cigars
Marshman Co., The	Awnings
Moore, W. F.	Ice
Newton, Jud	Harness
Shelley Bros.	Tire re-tread and vulcanizing
Stoy, H. W. & Son (The Times)	Printing, publishing
Stringer, John	Harness
GUTTENBERG (1,666) Clayton County C. M. & St. P. Ry.	
Eberhard, Ed. P., Lumber Co.	Lumber, butter tubs
Farm Horse Traction Works, The	Tractors, foundry work
Glover, H. B. Co.	Overalls
Guttenberg Canning Co.	Canned corn and pumpkin
Guttenberg Excelsior Mfg. Co.	Excelsior
Heboldsheimer, J. S.	Wagons
Meyer, Adolph & Bros.	Cigars and tobacco
Montgomery Pearl Button Co.	Button blanks
U. S. Button Co.	Bearl button blanks
HALBURG (186) Carroll County C. & N. W.; C. G. W. Rys.	
Halbur Creamery	Butter
HAMBURG (2,017) Fremont County C. B. & Q. Ry.	
Hamburg Bottling Works	Mineral and soda water
Hamburg Reporter	Printing, publishing
Hamburg Republican	Printing, publishing
McNall, O. J.	Ice
Otoe Food Products Co.	Canned vegetables and fruits
Riverside Canning Co.	Canned tomatoes, apples, vinegar and cider
HAMPTON (2,992) Franklin County M. & St. L.; C. G. W.; C. R. I. & P. Rys.	
Cedar Valley Electric Co.	Electric light and power
Franklin County Recorder	Printing, publishing
Hampton Bottling Works	Mineral and soda water
Hampton Gas Co.	Gas
Hampton Granite & Marble Works	Monuments
Hampton-Kelley Canning Co.	Canned corn

Name of Firm by Location.	Goods Made
Hampton—Continued.	
Kratochvil, Frank	Cigars
Purcell Printing Co.	Printing, publishing
Swift & Company	Butter
Woodburn, Robt. H., Bakery	Bakery products

HANLONTOWN (202) Worth County
C. & N. W. Ry.

Hanlontown Creamery Co.	Butter

HARLAN (2,831) Shelby County
C. R. I. & P.; C. G. W. Rys.

Campbell Printing Co.	Printing, publishing
Danish Watchman	Printing, publishing
Deen Loom Co.	Weaving looms, etc.
Harlan City Roller Mills	Flour and feed
Harlan Electric Light Co.	Electric light and power
Harlan Ice & Cold Storage Co.	Ice, butter, ice cream
Merrill Canning Co.	Canned corn
Nelson Gas Engine & Auto Co.	Gas engines
Shelby County Republican	Printing, publishing
Swinehart, C. R.	Cement blocks
The Vaegteren	Printing, publishing

HARPER (247) Keokuk County
C. R. I. & P. Ry.

Harper Brick & Tile Works	Brick and tile

HARPERS FERRY (328) Allamakee County
C. M. & St. P. Ry.

Harpers Ferry Cheese Factory (Mail to R. H. Murphy, Waukon, Iowa)	Cheese

HARTLEY (1,306) O'Brien County
C. M. & St. P.; C. R. I. & P. Rys.

Burns, E. E.	Auto chains
Cody, Lyma, Jr.	Harness
Feldthan, August	Harness
Hartley Creamery Co.	Butter
Hartley Electric Light & Water Works	Electric light, power
Hartley Sentinel, The	Printing, publishing

HAWARDEN (2,491) Sioux County
C. M. & St. P.; C. & N. W. Rys.

Beniss, C. E.	Harness
Best Ice Cream Co.	Ice cream
Chicago & North Western Ry. Shops	Car repairs
Hawarden Bottling Works	Mineral and soda water
Hawarden Chronicle	Printing, publishing
Hawarden Creamery Co.	Butter
Hawarden Electric Light & Water Dept.	Electric light and power
Hawarden Electric Mills	Flour and feed
Hawarden Independent	Printing, publishing
Hawarden Monument Co.	Monuments
Kenny & Son	Cement blocks, silo blocks
Nancolas, C. A. (Hawarden Roller Mills)	Flour and feed
Only Mfg. Co.	Hog waterers, sash, mill work
Williams, G. C.	Bottling works

HAWKEYE (582) Fayette County
C. M. & St. P. Ry.

Hawkeye Beacon	Printing, publishing
Hawkeye Co-op. Creamery Co.	Butter

Name of Firm by Location.	Goods Made
HAZELTON (517) Buchanan County	
C. R. I. & P. Ry.	
Coy, W. H.	Cement blocks, brick and tile
Hazelton Farmers Co-op. Creamery Co.	Butter
HEDRICK (901) Keokuk County	
C. B. & Q.; M. & St. L.; C. M. & St. P. Rys.	
Anderson Sawmill & Lumber Co.	Lumber
Hedrick Journal	Printing, publishing
Hedrick Tile Works	Brick and tile
HIGHLANDVILLE (125) Winneshiek County	
14 miles N. E. of Decorah, nearest shipping point	
Bidne & Akre (Highland Creamery Co.)	Butter
HOLLAND (165) Grundy County	
C. R. I. & P. Ry.	
Holland Cement Works	Cement blocks, tile
HOLSTEIN (1,248) Ida County	
C. & N. W. Ry.	
Advance, The	Printing, publishing
Holstein Co-op. Creamery Co.	Butter, ice cream
Holstein Service Co.	Electric light and power
Schneckloth, Henry	Machine work
HOLY CROSS (98) Dubuque County	
7 miles S. of North Beuna Vista, the nearest shipping point	
Holy Cross Creamery Co.	Butter
HOPKINTON (759) Delaware County	
C., M. & St. P. Ry.	
Bort Manufacturing Co.	Hog feeders, combination racks, portable coops, farm necessities
Hopkinton Creamery Assn.	Butter
Hopkinton Leader	Printing, publishing
HOPRIG (Not Inc.) Emmet County	
The banking town is Ringsted; rural delivery from Graettinger.	
Jensen, Julius	Pearl button blanks
HOSPERS (570) Sioux County	
C. St. P. M. & O. Ry.	
Farmers Mutual Creamery Co.	Butter, ice
Hospers Cement Tile Co.	Concrete tile, blocks, brick
Hospers Tribune	Printing, publishing
Stover & Vander Meer	Electric light and power
HUBBARD (681) Hardin County	
C. & N. W. Ry.	
Hubbard Co-op. Creamery Co.	Butter
Mid-Week Review, The	Printing, publishing
HUDSON (408) Black Hawk County	
C. G. W. Ry.	
Hudson Co-op. Dairy Assn.	Butter
Hudson Herald	Printing, publishing

Name of Firm by Location.	Goods Made
HULL (791) Sioux County	
C. M. & St. P. Ry.	
Farmers Co-op. Creamery Assn.	Butter
Hull Index, The	Printing, publishing
HUMBOLDT (2,232) Humboldt County	
C. & N. W.; M. & St. L. Rys.	
Brown Brothers (Roller Mills)	Flour and feed
Glétty, L. J.	Bakery products
Humboldt Creamery Co.	Ice cream, butter
Humboldt Gravel & Tile Co.	Tile and cement products
Humboldt Independent	Printing, publishing
Humboldt Republican	Printing, publishing
Mineral Springs Bottling Works	Soft drinks
Mundhenk Milling Co. (Roller Mills)	Flour and feed
Northern Iowa Gas & Electric Co.	Electricity and gas
HUMESTON (1,214) Wayne County	
C. B. & Q. Ry.	
Humeston Bakery	Bakery products
Humphrey, J. L. Jr.	Butter and produce
Old Colony Creamery	Butter, packed poultry
HUXLEY (366) Story County	
C. M. & St. P.; Ft. D., D. M. & S. Rys.	
Huxley Farmers Co-op. Creamery Co.	Butter
IDA GROVE (2,020) Ida County	
C. & N. W. Ry.	
Barnes, Mart	Cement blocks, etc.
Brechwald Bros. Co., Inc.	Cigars
Breihan, A. R.	Harness and parts
Cameron, A. W.	Ice cream
Central Roller Mills	Flour and feed
Hester, Barney	Harness
Ida County Pioneer	Printing, publishing
Ida Grove Electric Co.	Electric light and power
Ida Grove Ice & Fuel Co.	Artificial ice
Ida Grove Record-Era	Printing, publishing
Ida Grove Stock Remedies Co.	Stock remedies
Ward, Barney	Brooms
Wiggert, Paul	Tomb stones, monuments
INDEPENDENCE (3,672) Buchanan County	
Ill. Cen.; C. R. I. & P. Rys.	
Bechter Game Company	Novelties and games
Bloom, J. S. Mfg. Co.	Machinery
Bulletin-Journal, The	Printing, publishing
Crabb Gas Engine Co.	Gasoline and kerosene engines
Enterprise Engine Co.	Gasoline engines
Flying Horse Company	Swinging rocking-horses for children
Independence Bottling Works	Mineral and soda water
Independence Canning Corporation	Canned corn
Independence Cement Tile Co.	Cement tile
Independence Conservative	Printing, publishing
Independence Corrugated Culvert Co.	Culverts
Independence Electric Light & Water Works	Electricity
Independence Gas Co.	Gas
Independence Produce Co.	Butter, packed poultry
Lundy, John J.	Monuments, etc.

Name of Firm by Location.	Goods Made
Independence—Continued.	
National Auto Supply Co.	Automobile accessories
National Swing Company	Porch and lawn swings
Nelson, H. A.	Harness
Raymond, E. W.	Printing
Unique Novelty Co.	Novelties
Wapsipinicon Mill & Flour Co.	Flour and feed
Wapsie Valley Creamery Co.	Butter, ice cream
Webster Seed Company	Wholesale seeds

INDIANOLA (3,628) Warren County
C. R. I. & P.; C. B. & Q. Rys.

Advocate-Tribune	Printing, publishng
Hansch, August	Cigars
Hughes, Ralph H.	Brooms
Indianola Electric Light Station	Electric light and power
Indianola Herald Publishing Co.	Printing, publishing
Indianola Record	Printing, publishing
Powers, John L.	Steel farm gates
White House Candy Kitchen	Candy
Wilson Smoke House, The	Liquid smoke

INWOOD (746) Lyon County
C. M. & St. P. Ry.

Farmers Co-op. Creamery Assn.	Butter
Herald Printing Co.	Printing, publishing

IONIA (280) Chickasaw County
C. M. & St. P. Ry.

Farmers Creamery Assn.	Butter

IOWA CITY (11,267) Johnson County
C. R. I. & P.; C. R. & I. C. Rys.

Athens Print Shop	Printing and calendars
Barry, W. J.	Bakery products
Bauer Bros., Governor & Jefferson Sts.	Brooms
Benson & From	Book bindery
Central Mfg. Co., 525 S. Gilbert	Perfumes, medical preparations
Chestnut Printing Co.	Printing
Citizen Printing House, 23 E. Washington	Printing and publishing
City Bakery, 222 E. Washington	Bakery products
Commercial Print Shop, 26½ S. Clinton	Printing
Economy Advertising Co., 224 E. Washington	Printing, adv. specialties
Englert Bros., 319 E. Market	Ice
Ernste Mfg. Co., 314 E. Market	Toilet creams
Franklin-Price Co.	Toilet preparations, perfumes, extracts, butter color
Fryauf, Frank, 4 So. Dubuque	Harness
Goss, Fred, 1026 N. Dodge	Brick
Graff Bottling Works	Mineral and soda water
Home Bakery	Bakery products
Iowa Cement Block Works, Court & Front Sts.	Cement blocks, posts, tile, etc.
Iowa City Bottling Works, 420 S. Linn	Mineral and soda water
Iowa City Canning Co.	Corn
Iowa City Daily Press, 222 E. College	Printing, publishing
Iowa City Iron Works, 321 S. Gilbert	Foundry products
Iowa City Light & Power Co., 215 E. Washington	Gas, and electricity

Name of Firm by Location.	Goods Made
Iowa City—Continued.	
Iowa City Planing Mill, Gilbert & Washington Sts.	Sash, doors, mill work
Iowa City Produce Co., 1032 E. Washington	Ice cream, butter, etc.
Iowa City Rubber Stamp Works, 126 So. Clinton	Rubber stamps, seals
Iowa City Rug & Carpet Works	Rugs, carpets, cleaning, etc.
Iowa City Supply & Vulcanizing Co., 211 So. Dubuque	Vulcanizing
Iowa Glove Co.	Gloves and mittens
Iowa Printing Co.	Printing, and calendars
Konvalinka, John, 332½ Davenport	Cigars
Maresh, William, 521 S. Gilbert	Furnaces, cornices, fire proof shutters, sheet iron products
Miller Bros., 222 E. College	Monuments
Miller & Sybil	Furnaces, tinwork
Mississippi Valley Rubber Co.	Rubber goods
Moravec, V. J.	Furnaces, tinwork
More Mileage Tire Co.	Auto tire halfsolers
Namour, E., Bakery	Bakery products
Oakland Bakery, 1119 E. Court St.	Bakery products
Plum-Brant Co., 11-13 E. College	Printing, publishing
Puritan Mfg. Co.	Chairs, show cases
Quaker Bakers (Chain Branch)	Bakery products
Rates, E. F. Sons	Gloves and mittens, of leather and cotton
Schuppert & Koudelka	Furnaces, tinwork
Shrader Drug Co., 529 S. Gilbert	Stock food, remedies
Sidwell & Son, 15 West College	Ice cream

IOWA FALLS (3,954) Hardin County
Ill. Cen.; C. & N. W.; C. R. I. & P. Rys.

Chicago, Rock Island and Pacific Shops	Railway shops
Economy Excavator Co.	Ditching machines
Gade Bros. Mfg. Co.	Gasoline engines
Gade, C. L. Mfg. Co.	Gates, and ditching machines
Hardin County Citizen	Printing, publishing
Harp, J. A. (Iowa Falls Roller Mill)	Roller mills, flour and feed
Hyman's Bakery	Bakery
Iowa Falls Bakery Co.	Bakery goods
Iowa Falls Battery Co.	Batteries
Iowa Falls Creamery	Butter
Iowa Falls Electric Co.	Electric light and power
Iowa Falls Gas Co.	Gas
Iowa Falls Ice Co.	Ice
Iowa Falls Ice Cream Co.	Ice cream and confections
Iowa Falls Machine Works	Machine parts
Iowa Falls Sentinel	Printing, publishing
Iowa Falls Sheet Metal Works	Fordson fenders and sheet metal products
Patterson, C. E.	Monuments
Princess Candy Kitchen	Ice cream and confections
Shannon, J. A., & Son	Butter, poultry and eggs
Shirk, J. C.	Carpets and rugs
Swift & Company	Butter, poultry and eggs
Vienna Bakery	Bakery products
Welden, S. H.	Mineral and soda water

Name of Firm by Location.	Goods Made
IRETON (730) Sioux County	
C. & N. W. Ry.	
Ireton Electric Light & Power Co.	Electric light and power
Ireton Weekly Ledger	Printing, publishing
JAMAICA (295) Guthrie County	
C. M. & St. P. Ry.	
Jamaica Journal	Printing, publishing
JANESVILLE (261) Bremer County	
Ill. Cen. Ry.	
Becker, G. E., 2½ miles west	Cane sorghum
Janesville Creamery Assn.	Butter
Royer Mfg. Co.	Concrete mixers
JEFFERSON (3,416) Greene County	
C. & N. W.; C. M. & St. P. Rys.	
American Mfg. Co.	Rat traps
Bee Publishing Co.	Printing, publishing
Brock, Harry S.	Cigars
Brunner Bros.	Butter, ice cream
Cadd, Geo.	Bakery products
Cement Stave Silo Co.	Cement silos
Greene County Roller Mill	Flour and feed
Herald, The	Printing, publishing
Iowa Stock Remedy Co.	Stock remedies
Jefferson Bottling Works	Mineral and soda water
Jefferson Cement Products Co.	Cement blocks
Jefferson Produce Co.	Grease, tankage, hides, etc.
Jefferson Vulcanizing Co.	Vulcanizing of tires
Matson, I. J. Co.	Wagons
New Way Machine Co.	Auto radiators, etc.
Northside Bakery	Bakery products
Sanitary Ice Co.	Ice
JERICO (Not Inc.) Chickasaw County	
Rural delivery and shipping from New Hampton and Alta Vista	
Jerico Creamery Assn., Route 1, New Hampton, Iowa	Butter and creamery products
JESUP (774) Buchanan County	
Ill. Cen. Ry.	
Jesup Creamery Co.	Butter
Place Printing Co.,	Printing, publishing
JEWELL (1,090) Hamilton County	
C. & N. W. Ry.	
Henderson Light & Power Co.	Electric light, power
Jewell Record, The	Printing, publishing
JOICE (233) Worth County	
C. & N. W. Ry.	
Joice Creamery Co.	Butter
KALONA (632) Washington County	
C. R. I. & P. Ry.	
Kalona Clay Co.	Brick and tile
Kalona News	Printing, publishing

Name of Firm by Location.	Goods Made
KANAWHA (659) Hancock County M. & St. L. Ry.	
Kalvig Cement Works	Cement tile
Kanawha Farmers Mutual Co-op. Creamery Co.	Butter
Kanawha Reporter	Printing, publishing
KELLERTON (693) Ringgold County C. B. & Q. Ry.	
Kellerton Globe	Printing, publishing
KELLOGG (603) Jasper County C. R. I. & P. Ry.	
Gould Balance Valve Co.	Traction engine valves, ensilage cutters
Kellogg Roller Mills	Flour and feed
Wert, R. L.	Concrete blocks, burial vaults, fence posts
KENDALLVILLE (100) Winnebago County 8 miles N. E. of Cresco on the C. M. & St. P. Railway	
Kendallville Mill	Flour
KENSETT (338) Worth County C. R. I. & P.; M. & St. L. Rys.	
Kensett Creamery Co.	Butter
Tenold Creamery Assn.	Butter
KEOKUK (14,423) Lee County C. B. & Q.; C. R. I. & P.; Wab.; Toledo, Peoria & Western; Keokuk Electric Rys.	
Ackerson-Ringstrom Co., 800 Johnson	Kitchen cabinets
American Cement Machine Co., 225 S. 4th	Cement machinery, contractors equipment
Ayres, T. R. J. & Son, 509 Main	Jewelry
Baker, S. F. & Co., 20 So. 7th	Medicines, extracts, talcum powders
Burk, J. & Co., 1011-13 Main	Mineral and soda water
Cameron, Joyce & Schneider, 615 Blondeau	Marble and granite work, monuments
Carter Mfg. Co., 429 So. 4th	Planing mill products, sash, doors, etc.
Decker Mfg. Co., 316 Blondeau	Hardware specialties, hog rings, curry combs
Dimond Milling Co., 18-22 So. 12th	Corn meal, etc.
DuPont, E. I., DeNemours & Co.	Gun powder, explosives
Ewers, Clem W., 1120 Main	Cigars
Federal Bakery	Bakery products
Gas Tank Recharging Co.	Carbide mfg., acetylene gas
Gate City and Constitution Democrat, 18-22 N. 6th	Printing, publishing
Gate City Paper Box Co.	Paper boxes
Hamill, S. Co. Inc.	Mfg. Dept. groceries
Hawkeye Pearl Button Co., Ft. of Cedar	Pearl button blanks
Hiller, John J., 1611 High	Cigars
Hines, F. J., 724 Main	Cigars
Hubinger, J. C., Bros. Co., 5th & A	Starch, glucose, corn syrup, corn sugar, corn flour
Huiskamp Bros. Co., 200-220 Johnson	Shoes
Iowa Can Co.	Fibre cans
Iowa Fibre Box Co.	Fibre containers
Irwin-Phillips Co., 2nd & Main	Shirts, overalls, men's clothing, corduroy

Name of Firm by Location.	Goods Made
Keokuk—Continued.	
Kellogg-Birge Co., 400 Johnston	Grocers mfg. dept.
K. K. K. Medicine Co., 201 Main	Medicines, stock powder
Keokuk Barrel Co., Hilton Road	Barrels, cooperage work
Keokuk Box Co., 1510 Commercial Alley	Wooden boxes, crating, and saw dust
Keokuk Canning Co., 700-730 Johnson	Pickles, canned tomatoes
Keokuk Coca Cola Bottling Co.	Coca cola, soda water
Keokuk Electric Co.	Electric light and power
Keokuk Electro-Metals Co.	Ferro sylicon, ferro phosphorus, ferro chrome
Keokuk Pure Ice Co., 801 Johnson	Ice
Keokuk Quarry & Construction Co.	Crushed stone
Keokuk Steel Casting Co.	Steel castings
Kollmyer & Talbot, 319 Bank	Machine work
Leake Printing Co., 801-803 Main	Printing, binding
Lutz & Stahl, 111 N. 5th	Printing, binding
McFarland Paper Co., Not Inc., 217-19 Johnson	Printing, wrapping paper
McManus & Company	Crushed stone
Mills-Ellsworth Co., Bank & Commercial Alley	Buggy shafts, poles, plow handles, trucks, wood work
Mississippi River Power Co.	Electric power
Moeller, Joseph, 622 Main	Cigars
National Pickle & Canning Co., 1st & Johnson	Pickles and catsup
Off's Bakery	Bakery products
Pechstein Iron Works, 9th Corner Johnson	Fire escapes, iron work
Pfaffe, Carl O., 11 So. 9th	Cigars
Pflug, Ernest J., 1022 Main	Cigars
Pollard's Bakery	Bakery products
Purity Oats Co., 26 S. Water	Oatmeal, cereals
Rees, Wm. & Co., 21 So. 5th	Printing
Reinig, P. A., Mfg. Co., 27 So. 5th St.	Cigar boxes, sweeping compound
Sanitary Dairy Products Co., 319 Main	Butter, cheese, milk products
Schouten's Bakery, Inc., 1000 Main	Bakery products
Seibert Cigar Co., 400 Main St.	Cigars
Seither & Cherry Co., 25 So. 5th	Tinware, skylights, furnaces
Sheehan, John, 324 Main St.	Cigars
Sigmund Bros., 27 & 29 Main St.	Tents, awnings, rag rugs
Simplex Refrigerator Co.	Refrigerators
Stadler, John G., 822 Main St.	Cigars
Standard Four Tire Co., 31st & Jackson Ave.	Automatic tires
Swift & Company, 4th & Exchange	Butter, packed poultry
Thomas Bros. Co., 29 Johnson	Machine work
United Lead Co.	Hard lead, frary metal, carbide
Ward, J. L., Cigar Mfg. Co.	Cigars
Weber-Kirch Mfg. Co., 225 So. 4th	Hardware specialties
Wustrow, August C., 5th & Exchange	Trucks, delivery wagons
KEOSAUQUA (851) Van Buren County	
C. R. I. & P. Ry.	
Keosauqua Electric Light Co.	Electric light and power
Keosauqua Pickle Co.	Pickles
Rowley & Landes (Keosauqua Republican)	Printing, publishing
State Line Democrat	Printing, publishing
KEOTA (1,025) Keokuk County	
C. R. I. & P. Ry.	
Iowa Clay Products Co.	Brick and tile
Keota Eagle	Printing, publishing
Keota Feed Mill	Feed

Name of Firm by Location.	Goods Made
KESLEY (160) Butler County	
C. & N. W. Ry.	
Patterson, Hugh	Butter
KESWICK (354) Keokuk County	
C. R. I. & P. Ry.	
Keswick Brick & Tile Co.	Brick, tile, building blocks
Keswick Leader	Printing, publishing
KEYSTONE (558) Benton County	
C. M. & St. P. Ry.	
Harding Printing Co.	Printing, publishing
Keystone Cement Plant	Cement blocks, etc.
KIMBALLTON (382) Shelby County	
Atlantic Northern & Southern Ry.	
Blue Valley Creamery	Butter
Crystal Spring Clay Products Mfg. Co., Inc.	Brick, tile, clay blocks
Jensen Construction Co.	Cement blocks, tile, fence posts, etc.
Kimballton-Elk Horn Electric Light and Power Co.	Electric light and power
Kimballton-Elk Horn Record	Printing, publishing
Nelson Bros., Crystal Spring Creamery Co.	Butter
KINGSLEY (1,072) Plymouth County	
C. & N. W. Ry.	
Iowa Light, Heat & Power Co.	Electric power
Kingsley News-Times	Printing, publishing
Knowles, C. L.	Tire chains
Page, E. L. & Co.	Cement stave silos
KLEMME (468) Hancock County	
C. R. I. & P. Ry.	
Klemme Co-op. Creamery Co.	Butter
Klemme Times	Printing, publishing
KNOXVILLE (3,523) Marion County	
C. R. I. & P.; C. B. & Q. Rys.	
Bellamy, Cleo H.	Monuments
Curtis & Gilson	Printing, publishing
Foedel, Sebastian	Ice cream
Harvey, W. G.	Bakery products
Knox Clay Products Co.	Brick, tile, silo blocks
Knoxville Bottling Works	Mineral and soda water
Knoxville Express	Printing, publishing
Knoxville Gas Co.	Gas
Marion County Electric Co.	Electric power
Peterson Bakery	Bakery products
Pringle, E. C., Hawkeye Mills	Flour and feed; also cement silo staves
Sheahan, D. H.	Cigars
LACONA (502) Warren County	
C. B. & Q. Ry.	
Lacona Ledger	Printing, publishing
LAKE CITY (2,110) Calhoun County	
C. & N. W. Ry.	
Chicago & North Western Ry. Shops	Car and locomotive repairs
Corey, Geo. & Son	Screen doors and windows, hay racks
Lake City Concrete Works	Concrete blocks, posts
Lake City Graphic	Printing, publishing
Lake City Marble, Granite & Vault Works	Monuments, vaults and cement products
Lake City News	Printing, publishing
Sherman, N. W., Bakery	Bakery products

Name of Firm by Location.	Goods Made
LAKE MILLS (1,529) Winnebago County	
C. & N. W.; M. & St. L. Rys.	
Commonwealth Electric Co.	Electric light and power
Guaranty Vulcanizing & Supply Co.	Vulcanized tires
Lake Mills Canning Co.	Canned corn, beans, tomatoes
Lake Mills Creamery Co.	Butter
Lake Mills Graphic	Printing, publishing
LAKE PARK (789) Dickinson County	
C. R. I. & P. Ry.	
Lake Park Co-op. Creamery Co.	Butter
Lake Park News	Printing, publishing
Uecker, E. W.	Harness
LAKE VIEW (838) Sac County	
C. & N. W. Ry.	
Lake View Concrete Tile Co.	Concrete blocks, etc.
Lake View Resort	Printing, publishing
LAKOTA (472) Kossuth County	
C. R. I. & P. Ry.	
Germania Co-op Creamey Co.	Butter
Germania Record	Printing, publishing
LAMONI (1,787) Decatur County	
C. B. & Q. Ry.	
Lamoni Chronicle (Blair Printing Co.)	Printing, publishing
Lamoni Electric Co.	Artif. ice; electricity
Lamoni Machine Co.	Ford specialties
Waswo's Home Bakery	Bakery products
Wight Co., The	Poultry remedies
LAMONT (495) Decatur County	
C. B. & Q. Ry.	
Lamont Farmers Creamery Co.	Butter
LA MOTTE (327) Jackson County	
C. M. & St. P. Ry.	
Farmers Clover Leaf Creamery Co., Route 1	Butter
Hoffman Creamery Co.	Butter
La Motte News	Printing, publishing
LANESBORO (282) Carroll County	
C. G. W. Ry.	
Cement Products Co.	Cement tile and blocks
Lanesboro Topic	Printing, publishing
LANGDON (85) Clay County	
M. & St. L. Ry.	
Langdon Mutual Co-op. Creamery	Butter
LANSING (1,447) Allamakee County	
C. M. & St. P. Ry.	
Allamakee Journal	Printing, publishing
Booream-Kemper Lumber Co.	Box crating, etc.
Lansing Button Company	Clam shell products
LA PORTE CITY (1,443) Black Hawk County	
C. R. I. & P.; Waterloo, Cedar Falls & Western Rys.	
Fosse, C. A.	Butter
Iowa Canning Co.	Canned corn
Iowa Falls Electric Co.	Electric light and power
Keist, Theo C.	Harness
LaPorte City Cement Works	Cement blocks
Progress-Review	Printing, publishing

Name of Firm by Location.	Goods Made
LARCHWOOD (441) Lyon County	
C. R. I. & P. Ry.	
Larchwood Leader	Printing, publishing
LATIMER (359) Franklin County	
M. & St. L. Ry.	
Christensen, Chris	Planing mill products, sash doors, etc.
Latimer Co-op. Creamery Co.	Butter
LAURENS (914) Pocahontas County	
C. & N. W.; C. R. I. & P. Rys.	
Hinn, John G. (Laurens Creamery)	Flour, butter, ice cream
Sun Printing House	Printing, publishing
LAWLER (631) Chickasaw County	
C. M. & St. P. Ry.	
The Dispatch	Printing, publishing
Lawler Creamery Assn.	Butter
Woodruff, M. E.	Harness
Woodruff, M. E. & Son	Automobile tops
LE CLAIRE (724) Scott County	
Davenport, Rock Island & North Western; C. B. & Q.; C. M. & St. P.; Iowa & Illinois Rys.	
Clark, Frank C.	Pearl button blanks
Martin, Wm. E. & Sons, Inc.	Brick, tile, blocks
Van Hein, Martin	Pearl button blanks
LEDYARD (246) Kossuth County	
C. & N. W. Ry.	
Ledyard Co-op. Creamery	Butter
LE GRAND (320) Marshall County	
C. & N. W. Ry.	
Le Grand Publishing Co.	Printing, publishing
LEHIGH (1,090) Marshall County	
C. G. W.; Crooked Creek Rys.	
Beem, Joshua A.	Harness
Lehigh Sewer Pipe & Tile Co.	Sewer pipe and tile
Lehigh Valley Argus	Printing, publishing
Morning Star Mills	Flour and feed
LELAND (180) Winnebago County	
M. & St. L. Ry.	
Leland Co-op. Creamery Co.	Butter
LE MARS (4,683) Plymouth County	
Ill. Cen.; C. M. & St. P. Rys.	
Briggs, W. H.	Harness
Iowa Heat, Light & Power Co.	Electric light and power
Lanners, John	Cigars
Le Mars Artificial Ice Co.	Ice
Le Mars Bottling Works	Mineral and soda water
Le Mars City Water & Light Co.	Electric light
Le Mars Creamery Co.	Butter
Le Mars Gas Co.	Gas
Moore, M. A., Co.	Cement blocks
Ogelvie, J.	Bakery products
Pech, Gus, Foundry & Mfg. Co.	Well augers, drills, post hole diggers, bob sleighs
Plymouth Milling Co.	Flour and feed
Plymouth Printing Co.	Printing, publishing

Name of Firm by Location.	Goods Made
LENOX (1,197) Taylor County	
C. B. & Q. Ry.	
Lenox Cheese Factory	Cheese
Lenox Time Table	Printing, publishing
LEON (2,193) Decatur County	
C. B. & Q. Ry.	
Aaron Poultry & Egg Co.	Packed poultry
Decatur County Journal	Printing, publishing
Leon Bakery	Bakery products
Leon Cement & Brick Co.	Cement tile and blocks
Leon Electric Light Co.	Electric light and power
Leon Marble & Granite Works	Monuments
Leon Reporter	Printing, publishing
LETTS (417) Louisa County	
C. R. I. & P. Ry.	
Letts Record	Printing, publishing
McKee Bros.	Elevator storage of grain, and feed grinding
LEWIS (607) Cass County	
C. R. I. & P. Ry.	
Lewis Milling Co.	Flour and feed
LIMA (35) Fayette County	
C. M. & St. P. Ry.	
Oelberg Bros.	Lumber and feed
LIME SPRINGS (595) Howard County	
C. M. & St. P. Ry.	
Lime Springs Sun-Herald	Printing, publishing
LINBY (80) Jefferson County	
C. R. I. & P. Ry.	
Steiglieder, S. F. & Sons	Cement tile and blocks
LINEVILLE (707) Wayne County	
C. R. I. & P. Ry.	
Austin, C. G.	Printing, publishing
Bragg, B. B.	Bakery products
Varney, E. C., Milling Co.	Flour
LINN GROVE (433) Buena Vista County	
C. & N. W. Ry.	
Linn Grove Brick & Tile Co.	Tile
Linn Grove Independent	Printing, publishing
Peterson Power Co.	Electricity
LISBON (803) Linn County	
C. & N. W. Ry.	
Lisbon Herald	Printing, publishing
LITTLE CEDAR (120) Mitchell County	
C. G. W. Ry.	
Little Cedar Creamery Co.	Butter
LITTLE PORT (191) Clayton County	
C. M. & St. P. Ry.	
Farmers Co-op. Creamery Co.	Butter
LITTLE ROCK (573) Lyon County	
C. R. I. & P. Ry.	
Little Rock Free Lance	Printing, publishing

Name of Firm by Location. Goods Made

LITTLE SIOUX (436) Harrison County
C. & N. W. Ry.
Little Sioux Hustler ..... Printing, publishing

LIVERMORE (648) Humboldt County
M. & St. L.; C. R. I. & P. Rys.
Livermore Brick & Tile Works ..... Brick and tile
Livermore Gazette ..... Printing, publishing

LOGAN (1,637) Harrison County
C. & N. W.; Ill. Cen. Rys.
Deakins, H. B. ..... Cement blocks, brick, posts
Harrison County Democrat ..... Printing, publishing
Logan Observer ..... Printing, publishing
Sprinkle, J. E. ..... Cement blocks, brick

LOHRVILLE (727) Calnoun County
C. & N. W.; C. G. W.; C. M. & St. P. Rys.
Baird, A. & Company ..... Butter and produce
Lohrville Enterprise ..... Printing, publishing

LONE ROCK (193) Kossuth County
C. & N. W. Ry.
Lone Rock Creamery Co. ..... Butter
Lotts Creek Co-op Creamery, 6 mi. S. W. ..... Butter

LONE TREE (673) Johnson County
C. R. I. & P. Ry.
Lone Tree Reporter ..... Printing, publishing

LONG GROVE (158) Scott County
C. M. & St. P. Ry.
Star Creamery Co. ..... Butter, ice cream

LORIMOR (678) Union County
C. G. W. Ry.
Lorimor Journal ..... Printing, publishing
Lorimor Light & Power Co. ..... Electric light and power

LOST NATION (537) Clinton County
C. M. & St. P. Ry.
Dobling, Henry W. ..... Feed, custom grinding
Lost Nation Press ..... Printing, publishing

LOVILIA (958) Monroe County
C. B. & Q.; Wabash Rys.
Lovilia Press ..... Printing, publishing

LOWDEN (655) Cedar County
C. & N. W. Ry.
Lowden Co-op. Creamery Co. ..... Butter
Lowden News ..... Printing, publishing

LUANA (181) Clayton County
C. M. & St. P. Ry.
Luana Farmers Co-op. Creamery Co. ..... Butter

LUVERNE (610)
Kossuth and Humboldt Counties
C. & N. W.; M. & St. L. Rys.
Des Moines Valley News ..... Printing, publishing
Swager, Chas. ..... Harness

Name of Firm by Location.	Goods Made
LUXEMBURG (93) Dubuque County	
10 mi. north of Dyersville, nearest shipping point.	
Globe Creamery Co., Route 1 from New Vienna, Iowa	Butter
LYNNVILLE (461) Jasper County	
M. & St. L. Ry.	
Lynnville Mfg. Co.	Sanitary hog floor
Lynnville Roller Mill	Four, meal, cereal, feed
Newby, C. H.	Brick and tile
LYTTON (278) Calhoun and Sac Counties	
C. M. & St. P. Ry.	
Hillman Creamery Co.	Butter
Lytton Star	Printing, publishing
McCALLSBURG (261) Story County	
St. Paul & Des Moines; M. & St. L. Rys.	
McCallsburg Farmers Creamery Co.	Butter
McGREGOR (1,289) Clayton County	
C. M. & St. P. Ry.	
Bickel Baking Co.	Bakery products
Curtis, C. A. Sons, Handle Co.	All kinds of tool handles
Interstate Power Co. of Wisconsin	Electric light and power
Northern Iowa Produce Co.	Butter, ice cream
North Iowa Times	Printing, publishing
Widman, J. F. and Sons	Printing, blank books
MACEDONIA (352) Pottawattamie County	
C. B. & Q. Ry.	
Botna Valley News	Printing, publishing
MADRID (1,783) Boone County	
C. M. & St. P. Ry.	
Madrid Cement Silo Mfg. Co.	Cement stave silos
Madrid Milling Co.	Flour
Red Ball Mfg. Co.	Proprietary medicines
Western Printing Co.	Printing, publishing
MALCOM (413) Poweshiek County	
C. R. I. & P. Ry.	
Malcolm Leader	Printing, publishing
MALLARD (431) Palo Alto County	
M. & St. L. Ry.	
Mallard Butter & Cheese Assn.	Butter and cheese
Mallard Independent	Printing, publishing
MALVERN (1,195) Mills County	
C. B. & Q.; Wab.; Tabor and Northern Rys.	
Malvern Cold Storage Co.	Poultry and produce packing, ice
Malvern Leader	Printing, publishing
Malvern Light & Power Co.	Electric light and power
Malvern Milling Co.	Flour and feed
MANCHESTER (3,111) Delaware County	
Ill. Cen.; Manchester & Oneida; C. G. W.; C. M. & St. P. Rys.	
D. A. D. Latch Co.	Door latches
Dairy City Bottling Works	Ice cream, soda waters

Name of Firm by Location.	Goods Made
Manchester—Continued.	
Delaware County Cement Stave Silo Co.	Cement silo staves, cement blocks
Goen, John J.	Cigars and tobacco
Hall & Turner	Bakery products
Iowa Electric Co.	Electric light and power
Jewell, Wm.	Cement blocks, tile, brick
Lovett & Davis Produce Co.	Poultry packing, produce
McKeag Bros.	Bakery products
Manchester Co-op. Creamery Co.	Butter
Manchester Democrat	Printing, publishing
Manchester Press	Printing, publishing
Model Printing Co.	Printing
National Mfg. Co., The	Steel posts, gates, hay racks, fence
Reisner & Co.	Cigars

MANILLA (1,142) Crawford County
C. M. & St. P. Ry.

Chicago, Milwaukee & St. Paul Ry. Shops	Car and locomotive repairs
Enterprise Publishing House	Printing, publishing
Manilla Ice Plant	Ice
Manilla Mill Co.	Flour and feed

MANLY (1,476) Worth County
M. & St. L.; C. R. I. & P.; C. G. W. Rys.

Bartlett Dairy	Ice cream
Chicago, Rock Island & Pacific Shops	Car repairs
Farmers Creamery	Butter
Manly Signal	Printing, publishing

MANNING (1,863) Carroll County
C. & N. W.; C. M. & St. P.; C. G. W. Rys.

Doud Milling Co.	Flour
Dultmeier Mfg. Co.	Wagon tongues, hay racks, tractor hitches, wagon hounds
Iowa Light, Heat & Power Co.	Electric light and power
Manning Bottling Works	Mineral and soda water
Manning Creamery	Butter, ice cream, ice
Manning Produce	Poultry, eggs, butter
Moerke, Paul	Cigars
Monitor Publishing Co., The	Printing, publishing
Radeleff Mfg. Co.	Truck bodies, and truck dump boxes or bodies

MANSON (1,409) Calhoun County
Ill. Cen.; C. R. I. & P. Rys.

Bork Creamery	Butter
Manson Bakery (L. P. Christensen)	Bakery products
Manson Democrat (The Dalton Press)	Printing, publishing
Manson Light, Heat & Power Co.	Electric light and power
Manson Journal (Tom D. Long)	Printing, publishing

MAPLETON (1,367) Monona County
C. M. & St. P.; C. & N. W. Rys

Mapleton Gas Co.	Gas
Mapleton Press	Printing, publishing

Name of Firm by Location.	Goods Made
MAQUOKETA (3,626) Jackson County	
C. & N. W.; C. M. & St. P. Rys.	
Becker, George	Brick
Excelsior-Record, The	Printing, publishing
Farmers Union Co-op. Creamery	Butter
Grant Printing Co.	Printing, publishing
Haight, Frank S.	Bakery products
Hansen Produce Co.	Butter
Hurst, Alfred Estate	Lime
Iowa Electric Co.	Electric light and power
Maquoketa Bottling Works	Mineral and soda water
Maquoketa Light & Heat Co.	Gas
Mitchell, Maskrey & Co.	Flour and feed
Popelar, John R.	Cigars
Romine, W. D.	Butter
Swigart Publishing Co. (Jackson Sentinel)	Printing, publishing
Wray, F. W. & Co.	Monuments
MARATHON (520) Buena Vista County	
C. & N. W.; C. M. & St. P. Rys.	
Marathon Republic	Printing, publishing
MARBLE ROCK (483) Floyd County	
C. R. I. & P.; Charles City Western Rys.	
Marble Rock Journal	Printing, publishing
MARCUS (1,091) Cherokee County	
Ill. Cen. Ry.	
Iowa Light, Heat & Power Co.	Electric light and power
McLaughlin, H. F.	Bakery products
Marcus News	Printing, publishing
MARENGO (2,048) Iowa County	
C. R. I. & P. Ry.	
Bell, H. T.	Cement stone, posts, etc.
Hawkeye Rendering Co.	Rendering, grease, etc.
Iowa Electric Co.	Electric light and power
Iowa Valley Canning Co.	Corn canning
Jacob's Carpenter Shop	Woodwork, sash, doors
Lacalli, Peter	Cigars
Marengo Creamery Co.	Butter
Marengo Gas Co.	Gas
Marengo Republican	Printing, publishing
Marengo Sentinel & Democrat	Printing, publishing
Rathjen, Henry	Harness
Tuttles Carpenter Shop	Woodwork, sash, doors
Zimmerman, Jacob	Cigars
MARION (4,138) Linn County	
C. M. & St. P. Ry.	
Bowdish, J. C. Co.	Cement blocks
Chicago, Milwaukee & St. Paul Shops	Car and locomotive repairs
Dixon Bros.	Silos
Freeman, Roy M.	Bakery products
Handy Sack Baler Co.	Cement baler and cement sack cleaner
Homaid Bakery Co.	Bakery products
Iowa Railway & Light Co.	Electric light and power
Lutz, Claude W.	Monuments
Marion Novelty Co.	Novelty goods
Miller Chemical Co.	Floor polish and oils
Marion Dairy Co.	Ice cream
Marion Sentinel	Printing, publishing

Name of Firm by Location.	Goods Made
Marion—Continued.	
Mid-West Foundry Co.	Brass and aluminum castings
Pyle Lumber Co.	Hog crates
Shorman, Geo.	Cigars
Stockmans Supply Co.	Stock food
Webb, J. F.	Cement blocks and vaults

MARQUETTE (625) Clayton County
C., M. & St. P.; C., R. I. & P. Rys.

Chicago, Milwaukee & St. Paul Ry. Shops	Car and locomotive repairs

MARSHALLTOWN (15,731) Marshall County
C. G. W.; S. & N. W.; M. & St. L. Rys.

Acme Printing Co., 22 N. Center	Printing
American Machine Products Co., 8th Ave. & Main	Machine work, pistons, cut-outs, wheel pullers
Austin, Edward T., 14 So. 1st	Printing
Auto Top Shop	Auto tops
Brauer Acetylene Lighting Co.	Acetylene gas machines, poultry coops, hog feeders
Brody, F. & Sons	Overalls
Burny, J. E. & G. D., 115 E. State St.	Carriages, wagons, repairs
Central Bakery, 513 N. Center	Bakery products
Central Foundry Co., 207 E. Main	Foundry products
Cooper Mfg. Co., Inc., 411 So. 1st	Metal specialties, vices, wrenches, dental machines
Dake-Ko Company	Egg substitute
Dunham, C. A. & Co., 810 E. Main	Steam traps, heating specialties
Easter Mfg. Co.	Barnyard equipment
Farmers and Merchants Brick & Tile Co., 307 Anson St.	Dry pressed brick and hollow building blocks
Fisher Governor Co., 201-203 So. 1st Ave.	Pump governors, power plant specialties, mill supplies
Freeborn, Frank W., 101½ So. 1st Ave.	Monuments
Hellands Planing Mill	Sash, doors, mill work
Herald Printing Co.	Printing, publishing
Herter & Leins	Monuments
Imperial Furnace Co.	Hot air furnaces
Iowa Railway & Light Co. (Elec. Plant)	Electric light and power
Iowa Railway & Light Co. (Gas Plant)	Gas, illuminating
Jackson Dairy Co., 322 Nevada	Ice cream, butter
Joyce Lumber Co.	Sash, doors, mill work
Keyser, Martin Mfg. Co.	Boxes
Lennox Company	Barnyard equipment, feeders, fountains.
Lennox Furnace Co., 200 Lincoln Highway	Hot air furnaces
Le Shalle Cigar Co.	Cigars
Light Draft Harrow Co., 600 E. Nevada	Harrows, cultivators
Lorenzen Bros., 107 N. Center St.	Barnyard equipment
Marshall Canning Co.	Canned corn, vegetables, fruits
Marshall Ice Co., 101 W. Main St.	Artificial ice
Marshall Oil Co., So. 3d Ave. & May St.	Oils and greases
Marshall Printing Co., So. Center St.	Printing
Marshall Vinegar Co., So. 4th & Market	Vinegar, pickles, sauerkraut
Marshalltonian, The, 103 E. Church St.	Printing, publishing
Marshalltown Bakery	Bakery products

Name of Firm by Location.	Goods Made
Marshalltown—Continued.	
Marshalltown Bottling Works, 8th Ave. near Main	Mineral and soda water
Marshalltown Cement Products, 811 Woodbury	Cement blocks, etc.
Marshalltown Laboratories	Surgical dressings
Marshalltown Machine Shop	Machine work
Marshalltown Mfg. Co., 110-12 So. 8th	Shears, hog oilers, warm air furnaces, pressure gauges
Marshalltown Milling Co.	Flour and feed
Marshalltown Produce Co.	Poultry packing, produce
Marshalltown School Coach & Truck Body Mfg. Co.	Truck bodies
Marshalltown Sheet Metal Works	Sheet iron work
Marshalltown Syrup & Sugar Co., 8th Ave. near Main	Syrup, sugar, food preparations
Marshalltown Tool & Novelty Co.	Novelties and tools
Marshalltown Trowel Co., 110 So. 8th	Trowels
Mattson-Coburn Cement Block Factory	Cement blocks and brick
Miller, Hamlin B. & Son, 18 So. 1st	Printing
Minneapolis and St. Louis Ry. Shops	Car and locomotive repairs
New England Granite Co., 106 So. Center	Monuments
Peterson and Bates	Fire escapes, structural iron work, etc.
Playford Cement Stave Silo Co.	Silo staves
Prier, Walter H.	Brass, bronze and aluminum castings
Roberts & Oake Packing Co.	Meat packing
Royal Candy Co., 206 E. Main	Candy, ice cream
Seleine, Emil, 1 South Center	Printing
Sharon Mfg. Co.	Poultry equipment
Sieg Brick & Tile Co.	Brick and tile
Smith, C. E., 1721 Summit	Brick and tile, blocks
Soukup, Mathias (Acme Bakery), 327 S. 3d Ave.	Bakery products
Standard Bakery Co., 10 W. Main	Bakery products
Standard Vulcanizing Co.	Vulcanized tires
Strand Bakery	Bakery products
Strubs Bakery	Bakery products
Times-Republican Printing Co., 19-21 So. Center	Publishing
Union Cheese Co., 7 East Nevada St.	Cheese
Wachter, John H., 33 W. Main	Confectionery
Waterloo Skirt & Shirt Co.	Skirts and shirts
Watkins Mfg. Co.	Auto accessories
Western Grocer Mills	Roasted coffee, spices, canned corn and vegetables.
Willard, F. H., 207 S. 3d Ave.	Ice cream
Willard, H. Son & Co., 20-26 1st St.	Fur goods, leather

MASON CITY (20,065) Cerro Gordo County
C. G. W.; C. M. & St. P.; M. & St. L.; C. R. I. & P.; C. & N. W.; M. C. & C. L. Rys.

American Fur & Tanning Co.	Fur coats, robes, tanning
American Brick & Tile Co.	Brick and tile
Benowitz & Learner, 304 So. Federal	Furriers
Campholatum Company, 118 So. Delaware	Drug specialties
Cement Products Company, 118 So. Washington	Cement blocks, tile
Central Printing & Engraving Co.	Printing
Chicago, Milwaukee & St. Paul Shops	Car repairs
Chicago & North Western Shops	Car repairs
Chocolate Shop, 123 So. Federal	Confectionery
Dayton-Oldham Granite Works, 217 N. Federal Ave.	Monuments

Name of Firm by Location.	Goods Made.
Mason City—Continued.	
Decker, Jacob E. & Sons, Henderson St. & M. St. L. Tracks	Meat packing
Gardner Furnace Co., 214 N. Main	Furnaces
Globe-Gazette Printing Co., 132 E. 5th	Printing
Greer, John M., 105 2d St. S. W.	Cigars
Higley, E. B. & Co., 409 So. Federal	Butter, ice cream, packed poultry
Hub Bottling Works, 115 First St. S. W.	Mineral and soda water
Ideal Sand & Gravel Co., M. B. A .Bldg.	Washed and screened sand and gravel
Lehigh Portland Cement Co.	Cement
Le Mars Printing Co., 115-17 S. Michigan	Printing, binding, lithographing
Lindenhurst Dairy, 115 S. W. 1st St.	Ice cream
Mason City & Clear Lake Ry. Shop	Car repairs
Mason City Baking Co., 319 So. Delaware	Bakery products
Mason City Bottling Co., 616-20 So. Sheridan	Mineral and soda water
Mason City Brick & Tile Co., W. Huntley & Horton	Brick and tile
Mason City Candy Co., 801 So. Main	Confectionery
Mason City Clay Works, W. Huntley & Horton	Brick and tile
Mason City Drain Tile, W. Huntley & Horton	Brick and tile
Mason City Foundry & Machine Co., 8th St. S. W.	Grey iron castings
Mason City Machine Shop, 15 7th St. S. W.	Machine work
Mason City Millwork Co., 117-19 W. 4th	Sash, doors, mill work
Mason City Oil & Grease Co., 202 So. Monroe	Mfr. grease and sweeping compound
Mason City Robe & Tanning Co., 509-511 East 2d St.	Fur goods, leather, tanning
Mason City Rug Co., 231-233½ S. Main	Rugs
Mason City Sewer Pipe Co., W. Huntley & Horton	Sewer pipe, brick, tile
Mason City Tent & Awning Co., 336 So. Main	Tents and awnings
Metal Products Co.	Sheet metal products
National Clay Works	Brick and tile
Northern Sugar Corporation	Beet sugar
North Iowa Brick & Tile Co.	Brick and tile
Northwestern States Portland Cement Co.	Cement
Olympia Candy Kitchen	Candy
Patton Rug and Mattress Factory, South Federal St.	Rugs and mattresses
Peoples Gas & Electric Co., 14 1st St. N. W.	Electric light, gas
Republican Printing Co.	Printing, publishing
Shipley, Clinton P., Federal & 1st N. E.	Printing
Smith Optical Co., 21 E. State St.	Optical goods, lens
Soda Grill Inc., 16 So. Federal	Confectionery, ice cream
Wilson & Kelley, 319 W. 5th	Bakery products
Wigle, Jos., 315 N. Main	Bakery products

MASONVILLE (250) Delaware County
Ill. Cen. Ry.

Masonville Co-op. Creamery Co.	Butter

MASSENA (500) Cass County
C. B. & Q. Ry.

Johnston-Morehouse Co.	Flour and feed
Massena Echo	Printing, publishing

MASSILLON (100) Cedar County
C. M. & St. P. Ry.

Massillon Co-op. Creamery Assn.	Butter

Name of Firm by Location. Goods Made.

MAURICE (329) Sioux County
C. & N. W.; G. N. Rys.
Maurice Electric Light & Power Co. ..... Electric light and power
Mieras, J. M. ..... Cement blocks

MAXWELL (811) Story County
C. M. & St. P. Ry.
McClintock, Fred W. ..... Feed
Shepherd Publishing Co. ..... Printing, publishing
Turner, J. F., Silo Co. ..... Clay brick and tile, and silo blocks

MAYNARD (387) Fayette County
C. R. I. & P. Ry.
Harlan Farmers Mutual Co-op. Creamery ..... Butter

MECHANICSVILLE (812) Cedar County
C. & N. W. Ry.
Gemberling, C. E. ..... Bakery products
Pioneer Press, The ..... Printing, publishing

MEDIAPOLIS (780) Des Moines County
C. R. I. & P. Ry.
Johnson Bros. ..... Brick and tile
Mediapolis New Era News ..... Printing, publishing

MELBOURNE (481) Marshall County
C. G. W. Ry.
Melbourne Record ..... Printing, publishing

MELVIN (282) Osceola County
C. R. I. & P. Ry.
Melvin Creamery ..... Butter

MENLO (476) Guthrie County
C. R. I. & P. Ry.
Glendon Brick & Tile Co., (R. F. D.) ..... Brick and tile
Menlo Creamery Co. ..... Butter
Menlo Journal ..... Printing, publishing

MERRILL (633) Plymouth County
C. St. P. M. & O.; C. & N. W.; G. N. Rys.
Merrill Record ..... Printing, publishing

MESERVEY (282) Cerro Gordo County
C. G. W. Ry.
Merservey Register ..... Printing, publishing

MILFORD (908) Dickinson County
C. M. & St. P. Ry.
Milford Farmers Butter & Cheese Assn. ..... Butter and cheese
Milford Mail ..... Printing, publishing

MILLVILLE Clayton County
Rural delivery from Turkey River, Iowa
Millville Creamery Co. ..... Butter

MILTON (845) Van Buren County
C. B. & Q. Ry.
Milton Herald ..... Printing, publishing

MINDEN (381) Pottawattamie County
C. R. I. & P. Ry.
Minden News ..... Printing, publishing

Name of Firm by Location.	Goods Made.
MISSOURI VALLEY (3,985) Harrison County	
C. & N. W. Ry.	
Biegel, Geo.	Cement blocks
Chicago & North Western Ry. Shops	Car and locomotive repairs
Harrison County News	Printing, publishing
Higgins Packing Co.	Poultry, ice, soda water
Iowa Service Co.	Electric power, gas
Kemper, Wm. A.	Bakery products
Missouri Valley Times	Printing, publishing
Valley Mills, The	Flour and feed
Valley Poultry Co.	Butter, eggs, poultry and produce
Younker Produce Co.	Butter, eggs and poultry
MITCHELLVILLE (752) Polk County	
C., R. I. & P.; I U. Rys.	
Mitchellville Index	Printing, publishing
MONDAMIN (508) Harrison County	
C. & N. W. Ry.	
Mondamin Enterprise	Printing, publishing
MONMOUTH (200) Jackson County	
C. & N. W. Ry.	
Monmouth Creamery	Butter
MONONA (1,049) Clayton County	
C. M. & St. P. Ry.	
Briar, Joseph A. & Sons (Northeastern Iowa Granite & Marble Works)	Monuments
Inter-State Power Co.	Electric light and power
Kleinpell, Eugene, Jr.	Harness
Koth, Herman H.	Feed
Monona Leader	Printing, publishing
Union Farmers Creamery Co.	Butter
MONROE (936) Jasper County	
C. R. I. & P. Ry.	
De Hoet, G. A.	Concrete blocks
Monroe Mirror	Printing, publishing
Munson, L. T.	Cement blocks, posts
Youkum, John	Concrete blocks
MONTEZUMA (1,273) Poweshiek County	
C. R. I. & P.; M. & St. L. Rys.	
Lewis, N. R.	Ratchet jack screw
Montezuma Republican	Printing, publishing
Poweshiek County Palladium	Printing, publishing
MONTICELLO (2,257) Jones County	
C. M. & St. P. Ry.	
Bateman, John E.	Monuments
Farmers Mutual Creamery Co.	Butter
Franklin Barn Equipment Co.	Barn equipments
Gruber Armoured Tire Co.	Half-soled tires
Hoag Duster Co.	Brooms, dusters, mops, sweeping compound
Jones County Times	Printing, publishing
Laude & Puleston	Neckties and boxes
Monticello Bottling Works	Carbonated beverages
Monticello Canning Co.	Canned corn
Monticello Clay Works	Brick and tile

Name of Firm by Location.	Goods Made.
Monticello—Continued.	
Monticello Electric Co.	Electric light and power
Monticello Express	Printing, publishing
Monticello Roller Mills	Flour
Stary, Lewis	Cigars
MONTROSE (549) Lee County	
C. B. & Q. Ry.	
American Fork & Hoe Co.	Hand garden plows and seeders, sweet potato diggers
Denmire, L. E., R. F. D. No. 1	Canned tomatoes and sweet potatoes
Hawkeye Button Co.	Pearl button blanks
Jamison, C. A. & Sons	Brooms
MOORHEAD (381) Monona County	
C. & N. W. Ry.	
Moorhead Times	Printing, publishing
MORAVIA (837) Appanoose County	
C. M. & St. P.; Centerville, Albia & Southern Rys.	
Moravia Union	Printing, publishing
MORNING SUN (751) Louisa County	
C. R. I. & P.; M. & St. L. Rys.	
Morning Sun Electric Light Co.	Electric light and power
The News-Herald	Printing, publishing
MOULTON (1,387) Appanoose County	
Wab.; C. B. & Q. Rys.	
Green Dragon Co.	Stock tonics
Schulz, August C.	Cigars
Weekly Tribune	Printing, publishing
MOUNT AYR (1,738) Ringgold County	
C. B. & Q. Ry.	
Iowa Southern Utilities Co.	Electric light and power
Mt. Ayr Journal	Printing, publishing
Mt. Ayr Marble & Granite Works	Monuments
Mt. Ayr Record-News	Printing, publishing
MOUNT PLEASANT (3,987) Henry County	
C. B. & Q. Ry.	
American Pearl Button Co.	Pearl buttons
Campbell, Ralph C.	Ice cream, butter
City Electric Light Plant	Electric light and power
Farmers and Merchants Supply Co.	Stock remedies
Gloeckler, C. G. & Co.	Monuments
Grau, Gustav	Cigars and tobacco
Hayes, A. D. & Co.	Feed
Hurst Silo Co.	Silo blocks
Iowa Gas and Electric Light Co.	Gas and electricity
Mount Pleasant Bottling Works	Carbonated drinks
Mount Pleasant Brick & Tile Mfg. Co.	Brick and tile
Mount Pleasant Canning Co.	Canned corn
Mount Pleasant Crushed Stone Co.	Crushed stone
Mount Pleasant Free Press	Printing, publishing
Mount Pleasant News	Printing, publishing
Nagle, V. & Son	Sash, doors, mill work
Rheinhart, Chris	Bakery products
Schliep, Frank	Cigars

Name of Firm by Location.	Goods Made.
Mt. Pleasant—Continued.	
Staats, E. G. & Co., Inc.	Pennants, regalia
Sunlight Produce Co.	Poultry, packing, etc.
Tastrite Bakery Co.	Bakery products
Virden and Melburg	Bakery products
Waibel, Chas.	Cigars

MOUNT VERNON (1,466) Linn County
C. & N. W. Ry.

Barrett, J. Fletcher	Bakery products
Coates, F. C.	Bakery products
Mt. Vernon Hawkeye	Printing, publishing
Mt. Vernon Record	Printing, publishing

MOVILLE (878) Woodbury County
C. & N. W. Ry.

Moville Mail	Printing, publishing

MURRAY (847) Clarke County
C. B. & Q. Ry.

Murray News	Printing, publishing

MUSCATINE (16,068) Muscatine County
C. R. I. & P.; C. M. & St. P.; Muscatine Burlington & Southern; Clinton, Davenport & Muscatine Rys.

Althaus, Adam, 209 Cedar	Harness
Automatic Button Co., 303 Mulberry	Pearl buttons
Baluff, Chas., 211 E. 5th St.	Cigars
Barry Mfg. Co., 901 E. 4th	Button machinery
Batchelor, E. A. & Sons, Foot Sycamore	Boats, launches
Becke & Wilson, 221 West 2d	Monuments
Bell, Cornelius M., 828 East 2d	Grave vaults, cement caskets
Block Button Co., 407 Benham Ave.	Button blanks
Boland, J. T., 517 E. 2d St.	Monuments
Continental Serum Laboratories	Hog cholera serum
Crow, R. J. Button Co.	Button blanks
Eichenaure, George, 211 E. 2d	Cigars
Giesler & Company	Wagon brakes and wagon hardware
Gottbrecht, Frank G., 224 Walnut	Cigars
Greathouse Mfg. Co., 208 West 2d St.	Skirts and garments
Gremmel, Herman E., 112 West 2d	Cigars
Hanover Pearl Button Co., 415 Liberty St.	Pearl buttons
Hawkeye Pearl Button Co., 209 Orange	Pearl buttons
Heinz, H. J. & Co., West and Monroe	Pickles, sauerkraut, onions, ketchup
Hirsch, Leo H. & Co., 4th & Spring	Pearl buttons
Huttig Mfg. Co., E. 2d & Oak	Sash, doors, mill work
Iowa Pearl Button Co.	Pearl buttons
Iowa Sheet Metal Products Co., Division & Milwaukee Sts.	Metal culverts, house tanks, burial vaults
Jamison Button Factory	Button blanks
Journal Printing Co., 303 E. 3d St.	Printing, publishing
Kautz, M. Baking Co., 114 E. 3d	Bakery products
Klaffenbach Bros., 205 E. 2d	Printing
Lewis, Harvey J., Button Co.	Button blanks
Lohr, Wm. P., 209 West 7th St.	Cigars
Lowe & Company, 1001 Hershey	Jewelry and novelties
McKee and Bliven, 100 Hershey	Pearl buttons

Name of Firm by Location.	Goods Made.
Muscatine—Continued.	
Metzger, Harry (Muscatine Broom Factory) 804 Colver	Brooms
Mucha, John O., 1112 Iowa Ave.	Cigars
Mundt, J. Herman, 414 E. 3d	Carriages
Muscatine Boiler and Sheet Iron Works, E. 5th and Poplar	Boilers, fire escapes, sheet iron work
Muscatine Herald, 217 West 2d	Printing, publishing
Muscatine Overall Co.	Overalls
Niver Iron Works Co., E. 2d & Spring	Foundry and machine products; castings
O'Keefe, Wm. Engineering Co., 206 Mulberry Ave.	Button machines
Olson, Peter, 519 E. 6th	Monuments, staves, posts
Pauley, John, 931 Lucas	Baskets
Pearl City Broom Factory, 511 E. 5th	Brooms
Pennant Pearl Button Mfg. Co.	Pearl buttons and blanks
Puritan Ice Co.	Ice
Record Printing Co., 214-216 Chestnut	Printing, publishing
Roach and Musser Sash & Door Co., Grand View and Hanover	Sash, doors, mill work
St. Claire, J. B., Muscatine Bottling Works, 319 Cedar St.	Mineral and soda waters
Schmalz, C. F., 511 Bismark	Button blanks
Schrautemyer, Henry, 1179 Fulliam	Cigars
Schreurs Button Co.	Button blanks
Schwertfeger, F. L. & Son, 606 Mulberry	Mineral and soda water
South Muscatine Button Co., Dewey Ave.	Button blanks
Star Button Co.	Pearl button blanks
Stark, Charles, 1200 Oak	Clay pipe, etc.
Swift & Company	Poultry, butter, eggs and produce packing
Tangley Mfg. Co., 919 W. Front	Air and steam calliopes
Techmiller Button Co.	Button blanks
Thompson and Bloom, 500 Mulberry Ave.	Bakery products
Toms, Francis E. Co., 122-124 West 3d	Printing, publishing
United States Bakery (Schweitzer and Rolfe, proprietors)	Bakery products
United States Pearl Button Co., 3d & Oak	Pearl buttons
Vance and Baker Mfg. Co., 803 E. 2d	Canning machinery
Van Nostrand Saddlery Co., 217 E. Front	Harness and saddlery
Weber and Sons Button Co., 1008-14 E. 6th	Pearl buttons
Weis-Healy, Hershey Building	Printing and specialties
Wickey, Otto F., 501 Lowe St.	Awnings
Yarck Bros., 504 Bismark St.	Button blanks
Young, L. G.	Steel stamps, steel letters, etc.
Zeidler Concrete Pipe Co., Sampson St.	Concrete sewer pipe and tile
Zeigler Canning & Preserving Co., 1056 Hershey Ave.	Canned tomatoes, pumpkin, sweet potatoes, catsup, sauer kraut

MYSTIC (2,796) Appanoose County
C. M. & St. P.; Mystic Electric Rys.

Guylm, Lodwick	Mine cages, mine dirt cars
Harris, J. P.	Corn meal and feed
The Letter-Telegram Printing Co.	Printing, publishing

NASHUA (1,317) Chickasaw County
Ill. Cen. Ry.

Bloom Mfg. Co.	Manure spreaders

Name of Firm by Location.	Goods Made.
Nashua—Continued.	
Cedar Valley Electric Co.	Electric light and power
Farmers Creamery Co.	Butter
Nashua Feed Mill	Feed (custom grinding)
Nashua Reporter	Printing, publishing
Nashua Woolen Mills	Woolen goods, custom work
Tegeler, A.	Wagons
NEOLA (896) Pottawattamie County	
C. R. I. & P.; C. M. & St. P. Rys.	
Neola Gazette-Reporter	Printing, publishing
NEVADA (2,668) Story County	
C. & N. W.; C. R. I. & P. Rys.	
Deola Milling Co.	Feed, custom grinding
Iowa Railway & Light Co.	Electric light and power
Nevada Brick & Tile Works (S. M. McHose)	Brick and tile
Nevada Cabinet Works	Cabinets
Nevada Cement Post Factory	Cement posts, blocks, silo blocks
Nevada Cheese Co.	Cheese
Nevada Evening Journal	Printing, publishing
Nevada Ice Cream Factory	Ice cream
Nevada Monument Works	Monuments
Nevada Representative	Printing, publishing
Nevada Truck and Tractor Co.	Auto trucks and auto plows
NEW ALBIN (683) Allamakee County	
C. M. & St. P. Ry.	
New Albin Co-op. Creamery	Butter
NEWELL (809) Buena Vista County	
Ill. Cen. Ry.	
Farmers Creamery and Produce Co.	Butter
Newell Cement Tile Co.	Cement products, tile
Newell Mirror	Printing, publishing
NEWHALL (293) Benton County	
Ill. Cen. Ry.	
Fuller Mfg. Co.	Patent brick carrier
Model Creamery Co.	Butter
Newhall News	Printing, publishing
NEW HAMPTON (2,539) Chickasaw County	
C. M. & St. P.; C. G. W. Rys.	
Babcock Bros.	Printing
Crawford, W. N.	Printing, publishing
Eggenhofer, Frank	Bakery products
Feuling, E. J.	Printing, publishing
Fliger, Louis	Bakery products
Goss, J. J.	Cigars
Johnson Bros. Cement Works	Tile and blocks
McAloon and Martinek	Bakery products
New Hampton Bottling Works, (J. J. Wandro, proprietor)	Soft drinks
New Hampton Electric Light & Water Works	Electric light and power
New Hampton Farmers Creamery Assn.	Butter
New Hampton Roller Mills	Flour
Treat, L. E.	Monuments
Williamstown Creamery Assn., 6½ miles south	Butter
NEW HARTFORD (454) Butler County	
Ill. Cen. Ry.	
New Hartford Mutual Co-op. Creamery Co.	Butter
New Hartford Review	Printing, publishing

Name of Firm by Location.	Goods Made.
NEW LONDON (1,144) Henry County	
C. B. & Q. Ry.	
Fuller, Sherwood	Brooms
New London Electric Plant	Electric light and power
New London Journal	Printing, publishing
NEW MARKET (745) Taylor County	
C. B. & Q. Ry.	
New Market Herald	Printing, publishing
NEW SHARON (1,084) Mahaska County	
M. & St. L. Ry.	
Cecil Bros.	Brick and tile
Rhine, Henry D.	Harness
Star Printing Co.	Printing, publishing
Westmoreland, Richard	Bakery products
NEWTON (6,627) Jasper County	
C. R. I. & P.; M. & St. L. Rys.	
Advertising Novelty Mfg. Co.	Advertising novelties
Allen Printing Co. (Roy G. Allen)	Catalogues and printing
Artificial Ice and Cold Storage Co.	Ice
Automatic Electric Washer Co. Inc.	Washing machines
Cherry Blossoms Mfg. Co.	Extracts, soft drinks
Dairyland Dairy Co.	Butter and milk products
Engle Tile and Fuel Co.	Brick, tile, building tile
Gibford Chemical Co.	Stock remedies
Iowa Bake-Rite Co.	Bread and cakes
Junis Candy Kitchen	Candies
Lewis Bottling Co.	Mineral and soda water
Lillard, Max	Harness
Maytag Co., The	Washing machines, gas engines, agricultural implements, self feeders, grain graders
Miles Manufacturing Co.	Garage equipment
Neel, Samuel F. Mfg. Co.	Bakery products, ice cream
Newton Bakery Co.	Bread and cakes
Newton Construction Co.	Interior finish, bank and office fixtures, mill work
Newton Daily News	Printing, publishing
Newton Electric Light and Power Co. (Municipal)	Electricity and gas
Newton Manufacturing Co.	Metal advertising novelties
Newton Milling Co.	Flour
Newton Produce Co.	Butter, eggs and produce packing
Newton Record	Printing, publishing
O'Leary Cigar Co.	Cigars
One Minute Mfg. Co.	Washing machines, manure spreaders, auto pumps, tubs, grain graders
Parsons Mfg. Co., The	Trench excavators, back fillers, crucible steel castings
Skow Mfg. Co.	Bank, office and store fixtures, sash, doors, mill work; interior work; disc sharpeners
Townsend, U. S. Candy Co.	Candies
Woodrow Mfg. Co.	Washing machines

Name of Firm by Location. Goods Made.

NEW VIENNA (241) Dubuque County
5 miles north of Dyersville, the nearest shipping point
New Vienna Central Creamery ..... Butter

NEW VIRGINIA (424) Warren County
C. B. & Q. Ry.
The New Virginian ..... Printing, publishing

NODAWAY (340) Adams County
C. B. & Q. Ry.
Montgomery and Tyler Bros. (Adams County Flouring Mills ..... Flour, meal, shorts, bran

NORA SPRINGS (1,055) Floyd County
C. M. & St. P.; C. R. I. & P. Rys.
Nora Springs Advertiser ..... Printing, publishing
Nora Springs Creamery and Produce Co. ..... Butter, ice cream, produce packing

NORDNESS Winneshiek County
Rural delivery from Decorah, Iowa.
C. R. I. & P. Ry.
Nordness Creamery Co. ..... Butter

NORTH ENGLISH (933) Iowa County
C. M. & St. P. Ry.
Smith, E. J. & Son ..... Brick and tile
North English Record ..... Printing, publishing

NORWALK (331) Polk County
C. B. & Q. Ry.
Norwalk Cheese Factory ..... Cheese

NORTHWOOD (1,597) Worth County
M. & St. L.; C. R. I. & P. Rys.
Farmers Butter and Cheese Assn. ..... Butter and cheese
Hartland Creamery Co., 9 miles N. W., Rt. 3..... Butter
Iowa Falls Electric Co. ..... Electric light and power
Madson, Hans, Sons ..... Wagons, machine work
Northwood Anchor ..... Printing, publishing
Worth County Index ..... Printing, publishing

NORWAY (463) Benton County
C. & N. W. Ry.
Benton County Star ..... Printing, publishing
Trojovsky, Mose ..... Brick and tile

OAKLAND (1,188) Pottawattamie County
C. R. I. & P. Ry.
Oakland Acorn ..... Printing, publishing
Red Oak Electric Co. ..... Electric light and power

OAKVILLE (466) Louisa County
M. & St. L.; M. N. & S. R. Rys.
A. E. S. Mfg. Co. ..... Steering device for tractors
Hall Air Lock and Railway Supply Co. ..... Ford braces, railway frogs and couplers
Oakville Sentinel ..... Printing, publishing

OCHEYEDAN (686) Osceola County
C. R. I. & P. Ry.
Ocheyedan Press ..... Printing, publishing

Name of Firm by Location.	Goods Made.
ODEBOLT (1,445) Sac County	
C. & N. W. Ry.	
Chronicle, The	Printing, publishing
Hutchison, N. S.	Bakery products
Odebolt News and Publishing Co.	Printing, publishing
OELWEIN (7,455) Fayette County	
C. G. W.; C. R. I. & P. Rys.	
Chicago Great Western Ry. Shops	Car repairs
Farmers Co-op. Creamery Co.	Butter
Fayette County Utilities Co.	Electric light and power
Hoyer and Robinson (Oelwein Register)	Printing, publishing
Iowan Co., The	Printing
Marsh, N. R., Bottling Works	Soft drinks
Neubauer-Schoenberg Baking Co.	Bakery products
Oelwein Bottling Works	Soft drinks
Oelwein Ice Cream Co.	Ice cream
Star Bakery	Bakery products
OGDEN (1,451) Boone County	
C. & N. W.; M. & St. L. Rys.	
Johnson, Alfred L.	Bakery products
Rosen, Charles & Co.	Harness
Sund, Carl	Printing, publishing
OLIN (718) Jones County	
C. M. & St. P. Ry.	
The Hog Reliance Co.	Hog remedies of all kinds
The Recorder	Printing, publishing
OLLIE (385) Keokuk County	
M. & St. L. Ry.	
The Ollie News	Printing, publishing
ONAWA (2,256) Monona County	
C. & N. W.; Ill. Cen. Rys.	
Nelson and Mustard	Ice cream
Onawa Democrat	Printing, publishing
Onawa Electric Light Plant & Water Works	Electric light and power
Onawa Marble and Granite Works	Monuments
Onawa Roller Mills	Flour and feed, meal
Onawa Sentinel	Printing, publishing
Sears Bottling Works	Mineral and soda waters; sweeping compound
ORAN (65) Fayette County	
C. G. W. Ry.	
Oran Creamery Co.	Butter
ORANGE CITY (1,632) Sioux County	
C. & N. W. Ry.	
Eerkes-Van der Maaten Co.	Bakery products
Farmers Mutual Co-op. Creamery Assn.	Butter
Menkveld, Gerrit	Bakery products
Sioux County Herald	Printing, publishing
Volksvriend (Hollandish)	Printing, publishing
OSAGE (2,878) Mitchell County	
Ill. Cen.; C. G. W. Rys.	
Cedar Valley Produce Co.	Poultry and produce packing
Dirtz and Harlis	Cigars
Earhart, Wm.	Bakery products

Name of Firm by Location.	Goods Made.
Osage—Continued.	
Hill, H. Clinton	Printing, publishing
Laughlin, Austin	Butter tubs, cooperage work
Muller Co., The	Hay racks, water tanks
New Haven Creamery Co., 8 miles east	Butter
Osage Cement Products Co.	Cement tile and blocks
Osage Co-op. Creamery Co.	Butter
Osage Electric Light, Heat & Power Co.	Electric light and power
Osage Manufacturing Co.	Sash, doors, mill work
Osage News	Printing, publishing
Palmer, Ernest W.	Cigars
Storr, R. J.	
Wolverton Printing & Publ. Co.	Printing, publishing
OSCEOLA (2,684) Clarke County C. B. & Q. Ry.	
Hoffman, Fred G.	Wagons, tanks, etc.
McNichols, M. J.	Monuments
Osceola Live Stock Powder Co.	Stock powder
Osceola Produce Co., (Geo. M. Griffin Co.)	Produce, egg and poultry packing
Osceola Sentinel	Printing, publishing
Osceola Tribune	Printing, publishing
OSKALOOSA (9,427) Mahaska County C. R. I. & P.; M. & St. L.; Keokuk & Des Moines; C. B. & Q. Rys.	
Anderson Bros. Canning Co., 10th Ave. and Market St.	Canned tomatoes
Bon Ton Bakery	Bakery products
Caldwell Silo Co., So. 7th St.	Cement silos, tanks, blocks, stand pipes
Carlon Construction Co., 9th Ave. & 7th	Cement products, silos
Chitwood, Wm.	Mill work, repair shop
Commercial Printing Co., 118 1st Ave. E.	Printing
East End Mill, 724 3d Ave. E.	Feed
Farmers Co-operative Dairy, 306 High Ave. West.	Butter, dairy products
Green Candy Co., 112 1st Ave E.	Confectionery
Grefe, Edward E. (Sanitary Bakery), 315 High Ave. West	Bakery products
Hanna Mfg. Co., 611-613 So. 1st	Overalls, men's clothing
Hunt Monument Works, 313 High Ave. E.	Monuments
Ideal Baking Co., 108 1st Ave. E.	Bakery products
Ideal Mfg. & Supply Co., 114 A Ave. E.	Hot water and steam heaters, smokeless heaters
Iowa Valve Co., 8th Ave. S. of R. I. Depot	Valves, castings, fire hydrants
Love and Gasperi Creamery	Butter
McMillan's Bakery, 207 High Ave. E.	Bakery products
M. & M. Star Bottling Co., 524 High Ave. W.	Mineral and soda waters
Mahaska Bottling Works	Carbonated drinks
Minneapolis and St. Louis Shops	Car repairs, etc.
Nowels, F. E., Cigar Co., 201-203 High Ave. W.	Cigars
Oskaloosa Artificial Ice and Cold Storage Co.; 9th & 7th Sts.	Ice, ice cream
Oskaloosa Creamery (Keota Produce Co.)	Butter
Oskaloosa Herald Co., 123 N. Market	Printing, publishing
Oskaloosa Traction and Light Co.	Electric light and power
Perry, John W., 124 1st Ave. W.	Printing

Name of Firm by Location.	Goods Made.
Oskaloosa—Continued.	
Rhynsburger, H. S., 221 1st E.	Poultry
Seevers Mfg. Co., 602 1st Ave. W.	Bridges, heating boilers
Shockley Bros. and Cook, 214 1st Ave. E.	Printing, publishing
Sinclair, Samuel B., 316 1st Ave. W.	Sash, doors, mill work
Standard Clay Products Co.	Brick and tile
Times Publishing Co., 114 1st Ave. W.	Printing, publishing
Underwood Candy Co., 214-16 1st Ave. W.	Confectionery, ice cream
Western Mfg. Co., S. 3d & Rock Island	Hydrants, valves, cement mixers, culverts
OSSIAN (858) Winneshiek County C. M. & St. P.; C. R. I. & P. Rys.	
Ossian Bee	Printing, publishing
Silver Springs Creamery Co.	Butter
OSTERDOCK (103) Clayton County C. M. & St. P. Rys.	
Farmers Creamery Co.	Butter
OTTOSEN (234) Humboldt County C. R. I. & P. Ry.	
Wacousta Creamery Co.	Butter
OTTUMWA (23,003) Wapello County C. B. & Q.; C. R. I. & P.; Wab.; C. M. & St. P. Rys.	
Alott Bottling Works	Mineral and soda water
American Mining Tool Co., 1102 E. Main	Mining tools, miners' apparel
Armstrong, Otto, 315 Lincoln	Seed corn stringers
Barry Mfg. Co., So. Green St.	Corn planters and markers
Bohe, J. F.	Cigars
Butter-Nut Bread Co., 229 E. 3d St.	Bakery products
Buxton, F. G., Creamery Co., 117 N. Green	Butter
Caster, G. W., 215 S. McLean	Cement blocks
Celania Bros., 305 E. Main	Ice cream, confectionery
Central Culvert Co., 518 W. Main St.	Corrugated culverts
Chicago, Burlington and Quincy Shops	Car repairs, etc.
Chicago, Milwaukee & St. Paul Shops	Car repairs, etc.
Cochran Bros., 222 So. Market	Barber supplies, tonics, creams
Collingwood, Jos. & Son, 110 So. Court	Violins
Commercial Printing Co., 226 E. 2nd	Printing
Courier Printing Co., 117-119 E. 2nd	Printing, publishing
Crisman, L. T., Company, 138 Church	Sash, doors, mill work
Dain Mfg. Co. of Iowa, Vine & Madison	Hay tools, farm machinery
Dupy Bakery, 106 So. Market	Bakery products
Emery and Company, 226 Commercial	Ice cream
Excello Company, 208 S. Jefferson	Washing tablets
Fecht, Julius, corner Main & Marion	Cigars and tobacco
Germ-O-Wheat Mills, 611 Church	Cereals and feed
Graham and Garretson, 627 West 2nd	Dairy products, butter
Graham Ice Cream Co., 120 E. 3d St.	Ice cream
Graves, Willis A.	Cigars
Hall, Walter T. & Co., 113-117 E. 3d	Confectionery
Hardsocg Mfg. Co., Samantha near McLean	Mining machinery, drills and tools, apparel
Hardsocg Wonder Drill Co., Samantha and Benton Sts.	Pneumatic miners rock drills, tools, sharpening machines, riveting machines

Name of Firm by Location.	Goods Made.
Ottumwa—Continued.	
Iowa Bake-Rite Co., 104 S. Market	Bakery products
Iowa Motor Truck Co., Inc., 822 S. Madison	Motor trucks
Johnson Pressed Gear Co., Bashaw foot of River St.	Steel gears, lawn mowers, washing machines
Johnston and Sharp Mfg. Co., Bashaw foot of River St.	Hardware specialties, mouse traps, hollow balls and bearings
Lancy, T. J., 813 W. Main St.	Mineral and soda water
Lindsay Mfg. Co., 501 Hancock	Tool handles, neckyokes, single trees
Lowenberg's Bakery, 120 E. 2nd St.	Bakery products
McKee-Marks Cigar Co., Inc., 119-123 West 2nd St.	Cigars and tobacco
Mahon, Samuel Co., 322 W. Main St.	Coffee, spices
Midland Metal Mfg. Co., 1025 W. Mill St.	Metal tanks, corrugated road and bridge culverts
Mikesh Mfg. Co.	Stovepipe thimbles, wagon coal chutes
Morey Clay Products Co., Fairview Ave.	Brick, tile, pottery
Morrell, John & Co., Iowa Ave. & Hayne	Meat packing
New England Granite Works, W. Main St.	Monuments
Nicholls Mfg. Co., 401 W. Main St.	Carpenters squares, scrapers, mitre boxes
Niemeyer Bros., 226 S. Market St.	Paper boxes
Ostdeik Brick Works, E. City Limits	Brick and tile
Ottumwa Barrel Co.	Cooperage work, crates, boxes
Ottumwa Blank Book Co., 107 W. 2nd St.	Blank books, printing, binding
Ottumwa Boiler Works, Wapello & Ry. Tracks	Boilers, tanks, smoke stacks, steam and gasoline engines
Ottumwa Box Car Loader Co., W. 2nd and C. M. St. P. Tracks	Mine equipment, box car loaders
Ottumwa Cigar Box Co., 708 Church St.	Cigar boxes
Ottumwa Gas Co., 104 W. Main St.	Gas
Ottumwa Ice Co.	Ice
Ottumwa Iron Works, 402-420 W. Main	Hoisting engines, mine machinery
Ottumwa Mattress & Spring Co., 510 E. Main	Mattresses, box springs
Ottumwa Mill and Construction Co., 308-320 W. Main	Columns, mill work, office fixtures
Ottumwa Monument Co., 233 W. Main	Monuments, structural stone
Ottumwa Printing Co., 101 So. Court St.	Printing
Ottumwa Railway and Light Co., Main and Market Sts.	Electric light and power
Ottumwa Review, 123 West 2nd	Printing, publishing
Ottumwa Rug Works, 633 West 2nd	Rugs, tents, awnings
Ottumwa Sand Co.	Sand and ice
Ottumwa Serum Co., Iowa Ave. & Hayne	Hog cholera serum
Ottumwa Sheet Metal Works, 326-328 West Main	Sheet metal products
Ottumwa Stamp Works, 217 E. Main	Printing, calendars, stencils, seals, rubber stamps

Name of Firm by Location.	Goods Made.
Ottumwa—Continued.	
Ottumwa Supply and Construction Co., Vine and Mill Sts.	Steel bridges, fire escapes, structural iron work
Ottumwa Tent and Awning Co., 633 West 2nd	Tents and awnings
Pallister Bros., 114 North Market	Cigars, smoking tobacco
Potter, Geo., and Bros.	Cigars
Print Shop, 108 East 2d St.	Printing
Red Ball Bakery, 110 So. Market	Bakery products
Renz, John, Church and Myrtle Sts.	Vehicles, machine work
Root, M. B. and Son, 225 W. Main	Monuments, and stone for trimming buildings
Schafer Ice Co., 301 So. Cass	Artificial ice
Smith, C. H. and Son, Bakery, 317 East Main	Bakery products
Smith, J. L., 410 Church	Bakery products
Snook and Sons, 224 So. McLean	Sash, doors, mill work
South Ottumwa Roller Mills	Flour and feed
Spry Bros. Grain Co., 307-311 W. Main	Flour, feed, meal
Stoessel Oil Works, 424 N. Madison	Oils, gasoline
Swift and Company, 219 S. Union	Butter, poultry, etc.
Tower-Majors Candy Co., 206 S. Jefferson	Confectionery
Union Cigar Co., 220 E. Main	Cigars
Utecht, W. E., 301 W. Main	Cigars
Wapello Sand and Building Material Co.	Sand, building material
Wilson and Company	Poultry and produce packing
Yorkshire Creamery Co., Iowa & Hayne	Butter

OWASA (100) Hardin County
C. & N. W. Ry.

Owasa Co-op. Creamery Co.	Butter

OXFORD (580) Johnson County
C. R. I. & P. Ry.

Oxford Leader	Printing, publishing

OXFORD JUNCTION (807) Jones County
C. M. & St. P. Ry.

Iowa Creamery Co.	Butter, ice cream, poultry
Lasack Bros. & Co.	Hay loaders, church and store furniture
Oxford Cement Tile and Block Co.	Cement tile and blocks
Oxford Jct. Rendering Co.	Tankage
Oxford Mirror	Printing, publishing

PACKWOOD (294) Jefferson County
C. R. I. & P. Ry.

Steigleder, S. F. & Son	Brick and tile, silo blocks

PALMER (282) Pocahontas County
C. R. I. & P. Ry.

Palmer Creamery Co.	Butter
The Press	Printing, publishing

PANORA (966) Guthrie County
C. M. & St. P. Ry.

Guthrie County Vidette	Printing, publishing
Panora Co-op. Creamery Co.	Butter
Panora Electric Light Co.	Electric light and power

Name of Firm by Location.	Goods Made.
PARKERSBURG (1,108) Butler County Ill. Cen.; C. & N. W. Rys.	
Albion Co-op. Creamery Co., 8 mi. N. E.	Butter
Cedar Valley Electric Co.	Electric light and power
Electric Roller Mills	Feed
Fern Creamery Co.	Butter
Parkersburg Eclipse	Printing, publishing
Parkersburg Ice Cream Co. (The Community Creamery)	Ice cream, butter, etc.
Parkersburg Mfg. Co.	Cement mixers, auto belt attachments, grinders and other small articles
PAULLINA (987) O'Brien County C. & N. W. Ry.	
Paullina Times	Printing, publishing
Young, R. W.	Cement
PELLA (3,338) Marion County C. R. I. & P. Ry.	
Bloomers, John and Co.	Flour and feed
Buerkens Mfg. Co.	Wagons
Garden City Feeder Co.	Self feeders
Heeren, George	Wood novelties; store, office and bank fixtures
Pella Booster	Printing, publishing
Pella Canning Co.	Canned apples, tomatoes, pumpkins
Pella Cereal and Feed Mill	Cereals, flour
Pella Creamery	Butter, ice, ice cream
Pella Electric Light Plant	Electric light and power
Pella Overall Co.	Overalls
Pella Tank and Pipe Co.	Tanks, pipe, etc.
Pella Week Blad	Printing
Sadler Bros. and Co.	Printing, publishing
Sybenja Bakery	Bakery products
Vander Ploeg, John	Bakery products
Washtella Cigar Co.	Cigars
PERRY (5,642) Dallas County C. M. & St. P.; M. & St. L.; I. U. Rys.	
Chicago, Milwaukee & St. Paul Shops	Car and locomotive repairs
Chief Printing Co.	Printing, publishing
Globe Mfg. Co.	Washing machines
Grimes-Perry Canning Co.	Canned corn and vegetables
Hausserman Packing Co.	Meat packing, lard, bacon
Iowa Railway and Light Co.	Electric light and power
Jones Cement Works	Cement products
National Wood Works	Sash, doors, mill work
Osmundson Spade Mfg. Co.	Spades, augers
Perry Artificial Ice and Storage Co.	Ice and ice cream
Perry Bottling Works	Carbonated drinks
Perry Gas Works	Gas, tar, coke
Perry Marble and Granite Works	Monuments
Perry Mill Co.	Feed
Perry Packing Co.	Condensed milk
Perry Tribune	Printing, publishing
Progressive Foundry	Foundry work
Sitka Tire Core Co.	Cores for auto tire casings
PERSIA (380) Harrison County C. M. & St. P. Ry.	
Persia Globe	Printing, publishing

Name of Firm by Location.	Goods Made.
PETERSON (580) Clay County	
C. & N. W. Ry.	
Gaskins, John D.	Harness
Peterson Patriot	Printing, publishing
Peterson Power and Milling Co.	Electric light
PIERSON (554) Woodbury County	
C. & N. W. Ry.	
Klingensmith, E. L.	Cement blocks
Pierson Progress	Printing, publishing
Stearns, R. E.	Cement blocks, tile and silo blocks
PLAINFIELD (303) Bremer County	
Ill. Cen. Ry.	
Mellinger, J. and Son	Butter
Orcutt Bros.	Cement blocks
Western Douglas Creamery Co.	Butter
PLEASANTVILLE (859) Marion County	
C. B. & Q. Ry.	
Marion County News	Printing, publishing
New England Granite Works	Monuments
Walker, Perry	Cement blocks
PLYMOUTH (366) Cerro Gordo County	
C. M. & St. P.; C. R. I. & P. Rys.	
Plymouth Creamery Co.	Butter
POCAHONTAS (1,302) Pocahontas County	
C. R. I. & P. Ry.	
Pocahontas Creamery Co.	Butter
Pocahontas Democrat	Printing, publishing
Pocahontas Record	Printing, publishing
POMEROY (874) Calhoun County	
Ill. Cen. Ry.	
George, C. R.	Harness
Pomeroy Cement Products Co.	Cement blocks, stone
Pomeroy Creamery Co.	Butter
Pomeroy Herald	Printing, publishing
POPEJOY (204) Franklin County	
C. R. I. & P. Ry.	
Farmers Co-op. Creamery Co.	Butter
POSTVILLE (1,039) Allamakee County	
C. R. I. & P.; C. M. & St. P. Rys.	
Ellis, J. P.	Wagons and parts
Farmers Co-op. Creamery Co.	Butter
Hoth Hay Mower Co.	Haymowers
Hecker, R. F. & Sons	Wagons and repairs
Palas, John F.	Cement products
Postville Clay Products Co.	Brick and tile
Postville Herald	Printing, publishing
PRAIRIE CITY (780) Jasper County	
C. R. I. & P. Ry.	
Dowden Mfg. Co.	Potato diggers and sorters
McKlveen, J. H. & Co.	Cement blocks
Prairie City Milling & Mfg. Co.	Flour and feed
Prairie City News	Printing, publishing

Name of Firm by Location. Goods Made.

PRESCOTT (429) Adams County
C. R. I. & P. Ry.
Prescott Argus ..... Printing, publishing
Lundhigh, Chris ..... Creamery butter
Twill Mfg. Co. ..... Twill cloth

PRESTON (648) Jackson County
C. M. & St. P. Ry.
Preston Creamery Assn. ..... Butter
Springbrook Creameries ..... Butter

PRIMGHAR (972) O'Brien County
Ill. Cen. Ry.
O'Brien County Bell ..... Printing, publishing
Primghar American ..... Printing, publishing
Primghar Gas Co. ..... Gas

PROTIVIN (201) Howard County
10 mi. from Jackson Jct., the shipping point.
Farmers Co-op. Creamery Co. ..... Butter

PULASKI (419) Davis County
C. R. I. & P. Ry.
Land Buyers' Bulletin ..... Printing, publishing

QUASQUETON (453) Buchanan County
Chicago, Anamosa and Northern Ry.
Dunlap, A. B. ..... Wagons and parts

QUANDAHL Allamakee County
10 mi. So. of Spring Grove, Minn., the nearest shipping point.
Arctic Springs Creamery ..... Butter

RADCLIFFE (708) Hardin County
C. & N. W. Ry.
Concord Co-op. Creamery Co. ..... Butter
Radcliffe Signal ..... Printing, publishing

RAKE (254) Winnebago County
C. R. I. & P. Ry.
Farmers Elevator Co. ..... Feed
Lincoln Co-op. Creamery Co. ..... Butter
Rake Register ..... Printing, publishing

RANDALL (250) Hamilton County
C. & N. W. Ry.
Farmers Creamery Co. ..... Butter

READLYN (403) Bremer County
C. G. W. Ry.
Boedeker, Fred ..... Cement tile and blocks
Knittel Creamery Co., Route 1 ..... Butter
Readlyn Co-op. Creamery Co. ..... Butter

REDFIELD (770) Dallas County
C. M. & St. P. Ry.
Nelson-Hood Company ..... Thresher or blower hoods
Redfield Brick and Tile Works ..... Brick and tile
Redfield Power and Milling Co. ..... Electric light and power, also flour
Redfield Review, The ..... Printing, publishing

Name of Firm by Location.	Goods Made.
RED OAK (5,578) Montgomery County	
C. B. & Q. Ry.	
Bement, Titus, 208 Coolbaugh	Cigars
B. and J. Concrete Products Co., Inc.	Cement brick, etc.
Blue and Raftery, 203-205 Coolbaugh St.	Ice cream, butter, mineral and soda water
Iowa Granite and Marble Works (Jas. Salter, prop.)	Monuments
Kerrihard Co., The, 401 W. Coolbaugh	Iron foundry, pumps
Liebel, John F., 411 Reed St.	Bakery products
Madden, Thomas E., 308 Coolbaugh	Cigars
Murphy, Thomas D. Co., 110 So. 2d St.	Art calendars, fans and blotters for advertising
Red Oak Bridge and Iron Works, 104 So. 3d St.	Iron and foundry and structural work, bridges
Red Oak Canning Co., W. Coolbaugh St.	Canned corn
Red Oak Cement Works, W. 1st & Q. Tracks	Cement products
Red Oak Electric Co.	Electric light and power
Red Oak Express, 408 Coolbaugh St.	Printing, publishing
Red Oak Gas Co., West Reed St.	Gas, illum.
Red Oak Granite and Marble Works	Monuments
Red Oak Printing Co.	Printing
Red Oak Sanitary Ice Co., 401 W. Reed St.	Ice
Red Oak Stock Powder Co., 501 Reed St.	Stock powders
Red Oak Sun, 418 Reed St.	Printing, publishing
Replogle Co., The, West Coolbaugh St.	Flour and feed
Shinley, Wm., Houghton Building	Cigars
Whitmer's Bakery	Bakery products
Wilson Concrete Co., 323-A Reed St.	Concrete culverts, pipe
Zondler, H. C. City Bakery	Bakery products
REINBECK (1,415) Grundy County	
C. R. I. & P.; C. G. W. Rys.	
Gethmann Brick and Tile Co.	Brick and tile
Lauterbach, Guy	Harness
Reinbeck Bakery	Bakery products
Reinbeck Courier	Printing, publishing
REMSEN (1,144) Plymouth County	
Ill. Cen. Ry.	
Bushgens and Co.	Harness
Iowa Light, Heat & Power Co.	Electric light and power
Remsen Bell Enterprise	Printing, publishing
Remsen Planing Mill	Mill work, sash, doors
RENWICK (501) Humboldt County	
C. & N. W. Ry.	
Pioneer Cheese Factory, Route 2	Cheese
Renwick Times	Printing, publishing
RHODES (500) Marshall County	
C. M. & St. P. Ry.	
Rhodes Tribune	Printing, publishing
RICEVILLE (960)	
Mitchell and Howard Counties	
C. G. W. Ry.	
Consumers Electric Co.	Electric light and power
Jamestown Cheese Factory	Cheese
Riceville Recorder	Printing, publishing
Saratoga Co-op. Creamery Assn. Route 3	Butter

Name of Firm by Location. Goods Made.

RICHLAND (639) Keokuk County
M. & St. L.; C. M. & St. P. Rys.
The Clarion ..... Printing, publishing
Iowa Clay Products Co. ..... Brick and tile

RIDGEWAY (349) Winneshiek County
C. M. & St. P. Ry.
Fosse, L. T. ..... Produce packing
Fosse, O. A. ..... Butter
Lincoln Creamery Co. ..... Butter

RINGSTED (599) Emmet County
C. & N. W. Ry.
Ringsted Co-op. Creamery ..... Butter
Ringsted Dispatch ..... Printing, publishing

RIPPEY (409) Greene County
M. & St. L. Ry.
Rippey Booster ..... Printing, publishing

RIVERSIDE (667) Washington County
C. R. I. & P. Ry.
Riverside Leader ..... Printing, publishing
Washington Oats Co. ..... Oat cereals

ROCKFORD (1,031) Floyd County
C. R. I. & P. Ry.
Cedar Valley Electric Co. ..... Electric light and power
Rockford Brick and Tile Co. ..... Clay brick and tile
Rockford Co-op. Dairy Assn. ..... Butter
Rockford Register ..... Printing, publishing

ROCK RAPIDS (2,172) Lyon County
Ill. Cen.; C. R. I. & P.; C. St. P. M. & O. Rys.
Anchor Concrete Machinery Co. ..... Cement stone machinery
Lohr and Biddinger ..... Marble and granite works
McCaughey, W. P. & Son ..... Machine work
Municipal Electric Light, Power and Water Works. Electric light and power
Pettengill, V. H. ..... Cement tile, blocks, posts
Smith, Henry ..... Bakery products
The Reporter ..... Printing, publishing
The Review ..... Printing, publishing
Rock Rapids Bottling Works ..... Mineral and soda water
Rock Rapids Creamery Co. ..... Butter, poultry packing
Victor Pin Setter Co. ..... Mfrs. of Pin Setting machines for bowling alleys

ROCK VALLEY (1,347) Sioux County
C. M. & St. P. Ry.
Dykstra & Company ..... Cement blocks and tile
Iowa Light, Heat and Power Co. ..... Electric light and power
Rock Valley Bee ..... Printing, publishing
Rock Valley Cement Block & Tile Works ..... Cement blocks and tile
Rock Valley Creamery ..... Butter
Rounds Milling Co. ..... Flour and feed

ROCKWELL (800) Cerro Gordo County
M. & St. L. Ry.
Rockwell Co-op. Creamery Co. ..... Butter

Name of Firm by Location. Goods Made.

ROCKWELL CITY (2,039) Calhoun County
C. M. & St. P.; Ill. Cen.; Ft. D. D. M. & S. Rys.

Advocate, Inc., The ..... Printing, publishing
Calhoun County Republican ..... Printing, publishing
Gunn Road Machine Mfg. Co. ..... Road machines
Iowa Light, Heat & Power Co. ..... Electric light and power
Joselyn, Edward S. ..... Hog powder
Loomis and Son (Headquarters at Ft. Dodge, Ia.) . Poultry and produce packing
Martens, Wm. J. ..... Bakery products
Randall, Charles M. ..... Printing
Rockwell City Bottling Works ..... Mineral and soda water
Rockwell City Canning Co. ..... Canned corn
Rockwell City Cement Works ..... Cement tile, blocks, vaults

RODMAN (158) Palo Alto County
C. R. I. & P. Ry.

Rodman Creamery Co. ..... Butter

ROLAND (829) Story County
M. & St. L. Ry.

Roland Farmers Creamery Co. ..... Butter
Roland Record ..... Printing, publishing
Western Grocer Mills Canning Factory..... Canned corn, etc.

ROLFE (1,031) Pocahontas County
C. & N. W.; M. & St. L. Rys.

Bruce Printing Co. ..... Printing, publishing
Rolfe Grain and Milling Co. ..... Flour and feed
Rolfe Monument Works ..... Monuments

ROSSVILLE Allamakee County
Rural delivery from Waukon, Iowa

Rossville Cheese Factory ..... Cheese

ROWLEY (250) Buchanan County
C. R. I. & P. Ry.

Reed, J. W. ..... Wagons

ROYAL (362) Clay County
C. R. I. & P. Ry.

Royal Banner ..... Printing, publishing
Royal Creamery Co. ..... Butter

RUDD (487) Floyd County
C. M. & St. P. Ry.

Rudd Review ..... Printing, publishing

RUSSELL (633) Lucas County
C. B. & Q. Ry.

Russell Union ..... Printing, publishing

RUTHVEN (809) Palo Alto County
C. M. & St. P.; M. & St. L. Rys.

Farmers Co-op. Creamery Co. ..... Butter
Free Press ..... Printing, publishing

RYAN (397) Delaware County
Ill. Cen. Ry.

Farmers Creamery Co. ..... Butter
McCusker Mill ..... Flour and feed
Ryan Reporter ..... Printing, publishing

Name of Firm by Location.	Goods Made.
SABULA (865) Jackson County	
C. M. & St. P. Ry.	
Luthill, E. H.	Bakery products
Sabula Gazette	Printing, publishing
Sabula Pearl Button Co.	Button blanks
SAC CITY (2,630) Sac County	
C. & N. W. Ry.	
Cement Block and Silo Co.	Silos and cement blocks
Cement Products Co.	Cement tile and blocks
Hoffman, Carl	Jewelry
Iowa Light and Power Co.	Electric light and power
Kurtz & Son	Gas engine governors
Larson Bros.	Cabinets, mill work
Liberty Chemical Co.	Stock remedies
Prescott, Henry	Reeds for musical instruments
Sac City Canning Co.	Canned corn
Sac City Catering Co.	Ice cream, carbonated mineral and soda water
Sac City Creamery Co.	Butter
Sac City Bulletin	Printing, publishing
Sac Sun	Printing, publishing
Truesdell, C. B	Candies and cough drops
Wayt, W. B. and Son	Monuments
ST. ANSGAR (844) Mitchell County	
Ill. Cen. Ry.	
The Enterprise	Printing, publishing
Farmers Co-op. Creamery	Butter
Gutman, Geo.	Bakery products
Light and Power Co.	Light and power (Electricity)
Rock Creek Creamery Assn.	Butter
St. Ansgar Mills (O. Boening, Prop.)	Flour and feed
ST. CHARLES (430) Madison County	
C. B. & Q. Ry.	
St. Charles News	Printing, publishing
ST. DONATUS (120) Jackson County	
4½ miles S. W. of Gordon's Ferry, nearest shipping point	
St. Donatus Creamery Co.	Butter
ST. LUCAS (137) Fayette County	
5½ east of Waucoma, nearest shipping point.	
Farmers Co-op. Creamery Co.	Butter
ST. OLAF (149) Clayton County	
C. M. & St. P. Ry.	
Farmersburg and St. Olaf Co-op. Creamery Co.	Butter
SALEM (494) Henry County	
C. B. & Q. Ry.	
Goldsmith, J. R.	Wheat and graham flour, corn meal
Salem News	Printing, publishing
SANBORN (1,497) O'Brien County	
C. M. & St. P. Ry.	
Chicago, Milwaukee & St. Paul Shops	Car and locomotive repairs
Honen Bakery	Bakery products
Sanborn Pioneer	Printing, publishing

Name of Firm by Location. Goods Made.

SANDUSKY Lee County
Rural delivery from Montrose, Iowa.
Denmire, L. E. (Branch of firm at Montrose) ... Canned vegetables

SANDSPRING (70) Delaware County
C. M. & St. P. Ry.
Sandspring Co-op. Creamery Co. ..... Butter

SARATOGA (100) Howard County
Rural delivery from Riceville
Saratoga Co-op. Creamery Assn. ..... Butter

SCARVILLE (140) Winnebago County
C. & N. W. Ry.
Scarville Creamery Assn. ..... Butter
Vinje Creamery Assn. ..... Butter

SCHALLER (731) Sac County
C. & N. W. Ry.
Schaller Herald ..... Printing, publishing
Swanson, Herman ..... Wagons, hay racks, water tanks

SCHLESWIG (655) Crawford County
C. & N. W. Ry.
Schleswig Leader ..... Printing, publishing

SCRANTON (843) Greene County
C. & N. W. Ry.
Hendrick, J. Y. ..... Feed
Scranton Journal ..... Printing, publishing

SERGEANT BLUFF (548) Woodbury County
C. & N. W. Ry.
Ballou Brick Co. ..... Brick and tile

SEYMOUR (1,746) Wayne County
C. M. & St. P.; C. R. I. & P. Rys.
Bragg, Mrs. Sherman & Son ..... Bakery products
Seymour Bottling Works and Ice Cream Factory.. Mineral and soda waters, ice cream
Seymour Democrat ..... Printing, publishing
Seymour Leader ..... Printing, publishing
Smith and Son ..... Harness and saddlery

SHAMBAUGH (250) Page County
C. B. & Q. Ry.
Farmers Milling Elevator ..... Flour and feed

SHARPSBURG (188) Taylor County
C. B. & Q. Ry.
Hurd of Sharpsburg ..... Show printing, publishing

SHEFFIELD (1,106) Franklin County
M. & St. L.; St. Paul & Kansas City Short Line Rys.
Cedar Valley Electric Co. ..... Electric light and power
Sheffield Brick and Tile Co. ..... Brick and tile, blocks
Sheffield Creamery Co. ..... Butter
Sheffield Tile Co. ..... Tile, brick and blocks
Smith Brick and Tile Co. ..... Tile, brick, blocks
United States Keystone Silo Co. ..... Cement blocks, silos

Name of Firm by Location.	Goods Made.
SHELBY (588) Shelby County C. R. I. & P. Ry.	
Shelby News	Printing, publishing
SHELDAHL (175) Polk and Boone Counties C. & N. W. Ry.	
Thrift Publishing Co.	Printing, publishing
SHELDON (3,488) O'Brien County C. M. & St. P.; Ill. Cen.; C. St. P. M. & O. Rys.	
House, Adolph H.	Cigars
Iowa Light, Heat & Power Co.	Electric light and power
Logan, Scott Milling Co.	Flour and feed
Sheldon Bottling Works (Fiebig Bros.)	Mineral and soda waters
Sheldon Creamery Co.	Butter and ice cream
Sheldon Mail	Printing, publishing
Sheldon Marble Works	Monuments
The Sheldon Sun	Printing, publishing
SHELL ROCK (815) Butler County C. R. I. & P.; C. G. W. Rys.	
Eclipse Lumber Co.	Cement blocks
Jefferson Creamery Co., 9 miles W.	Butter
Shell Rock Creamery Assn.	Butter
Shell Rock Grain & Milling Co.	Feed, meal, buckwheat and graham flour
Shell Rock News	Printing, publishing
SHELLBURG (590) Benton County C. R. I. & P. Ry.	
Iowa Canning Co.	Canned corn
Shellsburg Advance	Printing, publishing
SHENANDOAH (5,255) Page County C. B. & Q.; Wab. Rys.	
American Live Stock Powder Co.	Stock powder
Benford, Charles H.	Printing
Economy Hog and Cattle Powder Co.	Stock powder
Farmers Stock Powder Co.	Hog and cattle powder
Field, Henry, Seed Co.	Seeds, printing of calendars and packages, mfr. of sorghum
Fontini, A. B.	Monuments
Hindman Bros.	Cigars
Imperial Chemical Co.	Sheep and stock dip
Lake and Cotrill Brick & Tile Co.	Brick and tile
McGlone Bros.	Cigars
Miller and Company	Bakery products
Progressive Remedy Co., The	Stock remedies, powder
Sentinel-Post Co.	Printing, publishing
Shenandoah Artif. Ice, Power, Heat and Light Co.	Ice, electricity, etc.
Shenandoah Granite and Marble Works	Monuments, etc.
Shenandoah Ice Cream and Bottling Co.	Ice cream, soda waters
Shenandoah Milling Co.	Flour
Shenandoah World (World Publ. Co.)	Printing, publishing
Simpson, C. C.	Bakery products
Thomas, R. N.	Corn huskers (for hand)
Trullinger and Redfield Milling Co.	Flour
Young Manufacturing Co.	Mittens and gloves

Name of Firm by Location.	Goods Made.
SHERRILL (110) Dubuque County	
5 miles from Specht Ferry, Iowa	
Schloz, Henry & Sons	Wagons and parts
Sherrill Mutual Co-op. Creamery	Butter
Spoerre, Edward	Wagons
SIBLEY (1,803) Osceola County	
C. St. P. M. & O. Ry.	
City Electric Plant	Electric light and power
Gould, H. A.	Bakery products
Johannes and Sellers Produce Co.	Butter and produce
Osceola County Tribune	Printing, publishing
Sibley Cement Co.	Cement products
Sibley Gazette	Printing, publishing
SIDNEY (1,154) Fremont County	
C. B. & Q. Ry.	
Fremont County Herald	Printing, publishing
SIGOURNEY (2,210) Keokuk County	
C. M. & St. P.; C. R. I. & P. Rys.	
Green, James	Ice cream
Griffin, Geo. M. Creamery Co.	Butter
Hall Produce Co.	Butter
Keokuk County News	Printing, publishing
Needham, W. H. Co.	Printing, publishing
Sigourney Electric Co.	Electric light and power
Sigourney Review	Printing, publishing
Sigourney Roller Mills	Flour
Sigourney Union Mills	Flour
SILVER CITY (430) Mills County	
Wab. Ry.	
Silver City Times	Printing, publishing
SIOUX CENTER (1,389) Sioux County	
G. N. Ry.	
Brandes, H.	Printing, publishing
Farmers Mutual Co-op. Creamery Co.	Butter
Sioux Center Cement Works	Concrete blocks
Smith, John	Bakery products
SIOUX CITY (71,227) Woodbury County	
C B. & Q.; C. M. & St. P.; C. & N. W.; C. St. P., M. & O.; G. N.; Ill. Cen. Rys.	
Adair-Olson Printing Co., 512 6th	Printing
Akron Milling Co., 2nd and Pearl	Flour and feed
Albertson & Co., 1st near Jennings	Auto tools
Alfalfa and Cereal Milling Co.	Cereals
Allen Auto Radiator Repair Works	Radiator repairing, machine work
Alpha Candy Kitchen, 425 Jackson	Candies
American Linseed Co.	Linseed oil and cake
American Monument Co., 425 Water St.	Monuments
American Serum Co., 510 Water St.	Hog cholera serum
American Skirt Co., 421 Pearl	Skirts, suits, coats, dresses
Anthony Trunk Factory, 413 5th St.	Trunks
Armour and Company	Slaughtering and meat packing
Artificial Ice Co., 512 So. Wall	Ice
Ashley, C. W., 324 4th	Signs, advertising

Name of Firm by Location.	Goods Made.
Sioux City—Continued.	
Associated Mfg. Co., Lerch Building	Janitor supplies
Baker, H. A., Co., 815-817 4th St.	Overalls, work shirts
Baker's Home Bakery, 1103 Court St.	Bakery products
Barker Bakeries, 700 Pierce	Bakery products
Barrett, Robt. J.	Stone contractor
Bastian, Wm. H., 410-12 5th St.	Printing, publishing
Benton, W. J., 403 West 7th	Bakery products
Bernard, Phillip Co., 2300 Floyd Ave.	Galvanized iron stock waterers, troughs, etc.
Bierman Engraving Co., W. N. U. Bldg.	Engraving, art specialties
Blank Optical Co., 1st floor New Orpheum	Optical goods
Blue Valley Creamery Co., 213 Pearl	Butter
Campbell Baking Co., 913-19 Pearl St.	Bakery products
Carlson, John, 9 West 3d	Store and office fixtures, screens, window frames
Carlstrom, Swan, 1114 6th St.	Cigars
Central Cornice Works, 409 Water St.	Cornices, sky lights, sheet metal products
Chasen Broom Co., 1709 E. 5th	Brooms
Chesterman Co., 405 Pearl St.	Mineral and soda water
Chicago Bakery Co., 604 Iowa St.	Bakery products
Chicago, Milwaukee & St. Paul Shops	Car repairs, etc.
Chicago, St. Paul, Minneapolis and Omaha Shops	Car repairs, etc.
Commercial Printing Co., 617 Nebraska	Printing
Consumers Ice Co., 11 West 3d	Ice
Consumers Twine & Machinery Co., East 7th and Division	Twine
Craftsman Printing Co.	Printing
Crane Sign Co., 410 Fourth	Signs
Cre-O-Lone Mfg. Co., 509 Pearl St.	Stock remedies
Cudahy Packing Co.	Meat packing, slaughtering
Curtis Sash and Door Co., 201 West Riverside	Sash, doors, fixtures
Damy-Hamel Co., 408-410 Douglas St.	Printing
Deitch and Lamar Co., 418 Nebraska	Printing
Diamond Red Paint Co.	Paints and varnish
Elite Mfg. Co., 405 West 7th	Barber supplies
Eureka Cement Co., 100 Myrtle	Cement products
European Bakery, 1807 East 4th	Bakery products
Fairmont Creamery	Butter and ice cream
Fairway Mfg. Co.	Farm specialties
Farmer and Breeder	Publishing
Federal System of Bakeries, 500 Nebraska	Bakery products
General Mfg. Co., 3d and Park St.	Fountain pens
Globe Optical Co., 406 Pierce St.	Optical goods
Great Northern Railway Shops	Car and locomotive repairs
Green, Tom, Brick Co., 4200 Correctionville Road	Brick
Guarantee Veterinary Co.	Stock remedies, serum
Haakinson and Beaty Co., 1st & Nebraska	Fire escapes and structural iron work
Hanford Produce Co., Court N. W. corner 1st	Butter and ice cream
Harrington Auto Top Co., 310 Virginia	Auto tops
H. and S. Cigar Co., 1106 4th St.	Cigars
Haskins Bros. and Co., Grand Ave. & Prospect	Soap, glycerine
Hawkeye Truck Co.	Auto trucks, machine work
Heydon, Fayette W., 402 West 1st	Cigars
Hicks-Fuller-Pierson Co., 1005-11 4th St.	Overalls, work shirts
Hollar, F. P. & Son, 410 Douglas	Rubber stamps, printing

Name of Firm by Location.	Goods Made.
Sioux City—Continued.	
Hopper, C. T. Furniture Co., 101 So. Virginia	Furniture
Hoyt and Akers	Job printing
Husby and Anderson Home Bakery, 707 Pierce St.	Bakery products
Hydro-Stone Products, 2300 Third St.	Artificial stone
Incorporated Auto Co., 713-19 Nebraska	Portable skylights, photographic supplies
Inter-State Cornice Works, 1120 4th	Cornices
Iowa Bakery Co., 1217 4th	Bakery products
Iowa Broom Works, 1520 E. 7th	Brooms
Iowa Foundry Co., West 2nd and Cook	Foundry work, concrete mixers, coal chutes, cistern tops, hog oilers
Iowa Printing Co., 209 Mass Bldg.	Printing
Iowa Rendering Co.	Grease, etc.
Jiffy Pen Co., 406 Pierce	Pens
Johnson, A. R. & Co., 408 Iowa St.	Bakery products
Johnson Biscuit Co., 5th & Wall	Crackers, biscuits, candy, bakery products
Kellog, A. J., over 310 5th St.	Cigars
Lane's Bottling Works, 712 Market St.	Mineral and soda water
Lawrence and Michelstetter, Commerce Bldg.	Printing
Liberty Bakery, 300 West 7th	Bakery products
Live Stock Record	Publishing
Mariner, Fred Co. Inc., 2025 E. 4th	Monuments, interior marble and tile work
Martens and Ketels Milling Co., 11th and Clark	Flour and feed
Martin, G. E. Co., 307 Jackson St.	Tents and awnings
Metz, Martin W., 1627 W. Highland Ave.	Cigars
Meyer Bros. Saddlery Co., 513 Douglas	Saddlery, harness
Midland Packing Co.	Slaughtering and meat packing
Midwest Cap Co.	Caps
Moore, O. J. Grocer Co., 3d & Pierce	Coffee roasting, confectionery, wholesale grocers
Morrison Mfg. Co., over 1109½ 5th	Clothing
Mystic Milling Co., 3d and Water St.	Flour and feed
Nartz, Louis, 409 West 7th	Bakery products
Nash Trunk Factory, 709 5th	Trunks, etc.
National Wood Works, 511 Water St.	Bank, store and office fixtures, sash, doors, etc.
New England Steam Bakery, 408 Jennings	Bakery products
Nicholson Pasteurized Dairy Co., 2810 Center St.	Dairy products
Northwestern Robe and Tanning Co., Illinois Central Tracks	Fur robes, coats, rugs, and tanning
Novelty Mfg. Co., 416 Water	Engines, valves, foundry products, novelties
O'Harrow, L. Co., 902 4th	Harness
Olympia Candy Co., 500 Pierce	Confectionery
Palmer Candy Co., 209-211 Douglas St.	Confectionery
Palmer Typesetting Co., W. N. U. Bldg.	Composition work
Paramount Confectionery Co., 519 4th	Confectionery
Parkhurst Cooperage Co., 107½ W. 3d St.	Butter tubs, cooporage work
Perfection Corn Planter Co.	Agricultural machinery
Perkins Bros. Co., 413-415 Douglas	Printing, publishing, binding, engraving
Peters Pk. Sheet Metal Furnace Co.	Furnaces, metal goods

Name of Firm by Location.	Goods Made.
Sioux City—Continued.	
Pile Ice Cream Co., 623 Nebraska	Ice cream
Pioneer Iron Works Inc., 5th & Water	Fire escapes, steel fence gates, wire and steel work
Purity Biological Laboratories	Hog cholera serum
Purity Ice Cream Co.	Ice cream
Quality Bakery, 319 4th St.	Bakery products
Rapalee Marble and Granite Works, 605 West 7th	Monuments
Riggs Optical Co.	Optical goods, supplies
Roberts Sanitary Dairy Co., The	Butter, dairy products
Sacks Packing Co., Prospect & Dodge	Meat packing
Sioux City Bakery, 817 West 7th	Bakery products
Sioux City Bottling Works	Mineral and soda water
Sioux City Box Co., 610 Cook	Cigar and paper boxes
Sioux City Brick and Tile Works, 9 West 3d St.	Brick and tile
Sioux City Broom Works, 800 West 7th	Brooms
Sioux City Candy Co.	Confectionery
Sioux City Cap Co., New Grand Bldg.	Caps
Sioux City Casket Co., 902 5th	Burial caskets
Sioux City Concrete Pipe Co., 208 Iowa	Concrete pipe
Sioux City Cone & Mfg. Co., 405 W. 7th	Cones
Sioux City Dental Laboratory Co.	Dental supplies, etc.
Sioux City Engine and Machinery Co., 860 Division St.	Concrete sewer pipe and tile, machinery and supplies
Sioux City Foundry and Mfg. Co., 7th and Division St.	Furnaces, boilers, tanks, sheet iron and foundry work
Sioux City Gas and Electric Co., 507 Pierce	Gas and electricity
Sioux City Leather Co., 1106 4th St.	Leather
Sioux City Marble and Granite Works, 813 5th St.	Monuments
Sioux City Optical Co., 526 5th	Optical supplies
Sioux City Printing Co., 304 Pierce	Printing, publishing
Sioux City Robe and Tanning Co., Mystic and I. C. Tracks	Fur robes, garments, leather, and tanning
Sioux City Seed Co., 21st and Clarke	Chick foods
Sioux City Serum Co., 221 Exchange	Hog cholera serum
Sioux City Service Co., 414 5th	Street car repairs
Sioux City Sheet Metal Works, 422 Court St.	General sheet metal work
Sioux City Skirt Co., 416-18 Pierce St.	Skirts, buttons, etc.
Sioux City Stylus	Publishing
Sioux City Tent and Awning Co., 308 Jackson St.	Awnings and tents
Sioux City Tire and Mfg. Co., 205 Fourth St.	Tires and tubes
Sioux City Volksfreund, 210 West 7th	Printing, publishing
Sioux City Welding and Machine Works, 201 Fifth	Auto parts, pistons, rings, axles, shafts, gears, etc.
Sioux City Wire and Iron Works, 502 7th St.	Wire and iron products, fences, coal chutes
Soiset Bros., 512-14-16 Iowa St.	Wood work, patterns, etc.
Soo Mfg. Co., 2018 East 7th	Bluing, horse radish, mustard, vinegar, etc.
Standard Printing Co., 409 4th St.	Printing
Star Printing Co., 322 4th	Printing, publishing

Name of Firm by Location.	Goods Made.
Sioux City—Continued.	
Steam Tractor Auto and Mfg. Co., 219 West 7th	Piston rings and auto parts, auto painting
Steffen and Van Steenwyk Co.	Truck bodies and cabs, etc.
Striegel, Charles W., 322 4th	Cigars, tobacco
Sturges Bros., 411 Pearl St.	Harness and saddlery
Swedish Monitor Publishing Co.	Publishing
Swift and Company, 613 So. Chambers	Meat products
Tagg Bros. Shirt Co.	Shirts
Tolerton and Warfield Co., 3d and Nebraska	Coffee roasting, wholesale grocers Mfg. Dept.
Transcontinental Oil Co.	Petroleum products
Tribune Co., The, 304 Pierce St.	Printing, publishing
Union Advocate	Publishing
Union Mattress Co., 505 Water	Mattresses
Verstegen Printing Co., Plymouth Bldg.	Printing
Warnock, Wm. Co., Steel Tank Factory	Steel tanks, machine work
Western Marble and Granite Works, 311 Jones St.	Monuments, marble and granite work
Western Neckwear Co., Plymouth Bldg.	Neckties
Western Newspaper Union, 500 Virginia	Patent plates, newspaper insides, stereotyping
Wetmore and Fletcher, 420 Pierce	Printing
Williams, E. W. Shoe Co., West 5th and Sioux Sts.	Shoes
Wilson, Frank T., 613½ Water St.	Wagon and truck parts
Woodbury Baking Co.	Bakery products

SIOUX RAPIDS (1,080) Buena Vista County
C. & N. W.; M. & St. L. Rys.

Ryder-Sherman Printing Co.	Printing, publishing
Simonsen Iron Works	Blacksmith shears, etc.
Sioux Rapids Creamery Co.	Ice cream
Sioux Rapids Drain Tile Works	Brick and tile

SLATER (616) Story County
C. M. & St. P.; C. & N. W. Rys.

Farmers Co-op. Creamery Co.	Butter
Slater News	Printing, publishing

SOLON (471) Johnson County

The Solon News	Printing, publishing

SOMERS (175) Calhoun County
C. R. I. & P.; C. G. W. Rys.

Cedar Creek Creamery Co.	Butter

SOUTH ENGLISH (355) Keokuk County
C. R. I. & P. Ry.

Dillin, C. L.	Flour and meal, feed
Holliday, C. W.	Harness
Sloan, J. W.	Monuments

SPENCER (4,599) Clay County
C. M. & St. P.; M. & St. L. Rys.

Breeders Journal	Printing, publishing
Cement Products Co.	Concrete drain tile, blocks
Crown Bottling Co.	Mineral and soda water
Floete Lumber Co.	Mill work
Harris, L. C.	Harness
Litt Cutlery Co.	Safety razors

Name of Firm by Location.	Goods Made.
Spencer—Continued.	
Nelson, A. P. (Spencer Cement Block Works)	Cement blocks
Nelson, N. H. Mfg. Co.	Roller wire window screen
Northwest Ice Cream Co.	Ice cream, butter
Peerless Bakery	Bakery products
Randall-McKee & Company	Printing, binding
Schmidt, Edw.	Harness
Sioux Valley Monument Works	Monuments
Spencer Bakery	Bakery products
Spencer Construction Co.	Mill work
Spencer Dairy Produce Co.	Butter and produce
Spencer Light and Water Works	Electric light and power
Thomas, W. H. Mfg. Co.	Auto accessories

SPILLVILLE (315) Winneshiek County
3½ miles from Conover, Ia., the nearest shipping point.

Bernats, John	Flour, custom grinding
Kovorik, Wenzel C.	Harness

SPIRIT LAKE (1,701) Dickinson County
C. R. I. & P.; C. M. & St. P. Rys.

Northern Iowa Gas and Electric Co.	Electric light and power
Spirit Lake Beacon	Printing, publishing
Spirit Lake Bottling Works	Mineral and soda water
Spirit Lake Flour Mill	Flour and feed
Western Packing Co.	Butter, ice cream, packed poultry

SPRINGVILLE (597) Linn County
C. M. & St. P. Ry.

The New Era	Printing, publishing
Springville Creamery Co.	Butter

STACYVILLE (513) Mitchell County
Ill. Cen. Ry.

Stacyville Creamery Co.	Butter
Stacyville Monitor	Printing, publishing
Weber, John A.	Grease, hides, rendering

STANTON (749) Montgomery County
C. B. & Q. Ry.

Stanton Call	Printing, publishing
Stanton Milling Co.	Flour

STANWOOD (556) Montgomery County
C. B. & Q. Ry.

The Stanwood Herald	Printing, publishing

STATE CENTER (975) Marshall County
C. & N. W. Ry.

State Center Farmers Creamery Assn.	Butter
Germann, George W.	Harness
The Enterprise	Printing, publishing

STEAMBOAT ROCK (399) Hardin County
M. & St. L. Ry.

Steamboat Rock Creamery	Butter

STOCKPORT (385) Van Buren County
C. B. & Q. Ry.

Blue Grass Creamery Co.	Butter, ice cream

Name of Firm by Location.	Goods Made.
STORM LAKE (3,658) Buena Vista County	
Ill. Cen.; M. & St. L.; C. M. & St. P. Rys.	
Houston, S. C.	Bakery products
Iowa Light, Heat & Power Co.	Electric light and power
Martz, E.	Cement products, blocks
Mittelstadt Granite Co.	Monuments
Muldovan, Lewis	Auto tops, auto painting
Redenbaugh, D. V.	Cement products, blocks
Sac City Canning Co.	Canned corn
Schoner, W. J.	Cement tile and blocks
Spangler, J. E.	Harness
Storm Lake Brick and Tile Works	Brick and tile
Storm Lake Gas Co.	Gas
Storm Lake Pilot Tribune	Printing, publishing
Storm Lake Produce Co.	Butter and ice cream
Storm Lake Register	Printing, publishing
Storm Lake Tank and Silo Co.	Wooden tanks and silos
Waterloo Creamery Co.	Butter
Zieke Bakery	Bakery products
STORY CITY (1,591) Story County	
C. & N. W.; M. & St. L. Ry.	
Holm, Benjamin T.	Harness and saddlery
Johnson and Amlund	Wagons and parts
Rosendale Co-op. Creamery Co., Rural delivery; 6 miles west, 1¼ miles north	Butter
Story City Bakery	Bakery products
Story City Butter Tub Co.	Butter tubs, tanks, etc.
Story City Cement Products Co.	Cement blocks, posts, etc.
Story City Electric Plant	Electric light and power
Story City Farmers Co-op. Creamery Assn.	Butter, etc.
Story City Herald	Printing, publishing
Story-Farmer Canning Co.	Canned corn
STOUT (162) Grundy County	
C. & N. W. Ry.	
Beaver Center Creamery	Butter
STRATFORD (694) Hamilton County	
C. & N. W. Ry.	
Courier Publishing Co.	Printing, publishing
Electric Light and Power Co.	Electric light and power
Farmers Co-op. Creamery Co.	Butter, ice cream
STRAWBERRY POINT (1,101) Clayton County	
C. M. & St. P. Ry.	
Goodrich, M. J.	Poultry packing
The Mail Press	Printing, publishing
Municipal Light and Water Works	Electric light and power
Strawberry Point Farmers Com. Co.	Poultry packing
Strawberry Point Farmers Creamery Assn.	Butter
STUART (1,716) Guthrie County	
C. R. I. & P. Ry.	
Fagan, W. P., Bakery	Bakery products
Keeler, Benjamin W.	Carriages and parts
Moulton and Trevillyan (Stuart Herald)	Printing, publishing
Smith, M. E. (Stuart Marble & Granite Works)	Monuments
Stuart Electric Light Co.	Electric light and power
Swift and Company	Butter, poultry and produce packing
Zenor, H. T.	Cigars

Name of Firm by Location.	Goods Made.
SUMNER (1,511) Bremer County	
C. G. W. Ry.	
Center Valley Creamery Co.	Butter
Climax Creamery Co., Route 6	Butter
Excelsior Creamery Co., Rural, 6 miles N. W.	Butter
Gazette Publishing Co.	Printing, publishing
Little Valley Creamery, Rural, 6 miles south	Butter
Olds, E. B., Creamery, Rural, 4 miles south	Butter
Richfield Creamery Co.	Butter
Spring Fountain Creamery Co., Rural, 5 miles S. W.	Butter
Sumner Creamery Co.	Butter
Twentieth Century Mfg. Co.	Poultry tonic, fly oil
Wonder Chemical Co.	Poultry tonic, worm medicines, insecticide
SUTHERLAND (876) O'Brien County	
C. & N. W. Ry.	
Slick and McFarland	Printing, publishing
Sutherland Creamery Co.	Butter
SWEA CITY (691) Kossuth County	
C. R. I. & P. Ry.	
Muck Shovel Co.	Shovels
Sperbeck Printing Co.	Printing
Swea City Co-op. Creamery Co.	Butter
TABOR (1,186) Fremont County	
Tabor and Northern Ry.	
Tabor Beacon	Printing, publishing
TAMA (2,601) Tama County	
C. & N. W.; C. M. & St. P. Rys.	
Acme Bottling Co.	Mineral and soda water
Cherry, J. G., Paper Filler and Egg Case Filler Factory	Paper fillers, egg case fillers
Chicago and Northwestern Railway Shops	Car repairs
National Auto Specialty Mfg. Co.	Auto specialties
Neil, Joseph H., Creamery Co.	Butter
Tama Brick and Tile Co.	Both clay and cement brick and tile
Tama Herald	Printing, publishing
Tama Ice Cream Co.	Ice cream
Tama News	Printing, publishing
TEMPLETON (373) Carroll County	
C. M. & St. P. Ry.	
Templeton Creamery Co.	Butter
TERRILL (440) Dickinson County	
M. & St. L. Ry.	
Terrill Tribune	Printing, publishing
THOMPSON (548) Winnebago County	
C. R. I & P. Ry.	
Thompson Co-op. Creamery Co.	Butter
Thompson Courier	Printing, publishing
THOR (285) Humboldt County	
C. & N. W. Ry.	
Thor Creamery Co.	Butter

Name of Firm by Location.	Goods Made.
THORNTON (317) Cerro Gordo County	
C. G. W. Ry.	
Thornton Creamery Co.	Butter
Thornton Enterprise	Printing, publishing
THORPE Delaware County	
On C. G. W. Ry. Send mail to Manchester.	
Farmers Co-op. Creamery Co.	Butter
THURMAN (341) Fremont County	
3 miles from McPaul, nearest shipping point	
Hicks, Wm. H.	Harness
Thurman Times	Printing, publishing
TIFFIN (178) Johnson County	
C. R. I. & P. Ry.	
Tiffin Tile Co.	Brick and tile
TINGLEY (391) Ringgold County	
C. B. & Q. Ry.	
Tingley Vindicator	Printing, publishing
TIPTON (2,142) Cedar County	
C. R. I. & P.; C. & N. W. Rys.	
Advertiser, The	Printing, publishing
Little and Company	Feed mill
Machmeier, Gus	Mfg. piston inserters, etc.
Standard Trunk Co.	Trunks
Tipton Brick and Tile Works	Brick and tile
The Tipton Conservative	Printing, publishing
Tipton Creamery	Butter
Tipton-Farmer Canning Co.	Canned corn
Tipton Produce Packing Co.	Produce and poultry packing
Tipton Vulcanizing Works	Vulcanized tires
TITONKA (418) Kossuth County	
C. R. I. & P. Ry.	
Titonka Co-op. Creamery Co.	Butter
Titonka Topic	Printing, publishing
TOLEDO (1,604) Tama County	
C. & N. W. Ry.	
Bell, Clarence E.	Bakery products
Chronicle, The	Printing, publishing
Iowa Railway and Light Co.	Electric light and power
Tama County Democrat	Printing, publishing
Toledo Brick and Tile Co.	Brick and tile
Weir Canning Co.	Canned vegetables
TORONTO (139) Clinton County	
C. M. & St. P. Ry.	
Farmers Co-op. Creamery Co.	Butter
TRAER (1,329) Tama County	
C. & N. W.; C. R. I. & P. Rys.	
Farm and Real Estate Journal	Printing, publishing
Gates, Alva H.	Bakery products
Star Clipper	Printing, publishing
Traer Creamery Co.	Butter
Traer Municipal Light & Power Plant	Electric light and power
Wulf, Claus	Harness

Name of Firm by Location. Goods Made.

TREYNOR (204) Pottawattamie County
Iowa & Omaha Short Line Ry.
Treynor Record ..... Printing, publishing

TRIPOLI (914) Bremer County
C. G. W. Ry.
Fremont Co-op. Creamery Co., 3½ miles S. E..... Butter
Potters Siding Co-op. Creamery Co., 3 miles West. Butter
Siegel Co-op. Creamery, 6 miles N. W. ..... Butter
Tripoli Canning Assn. ..... Canned corn
Tripoli Co-op. Creamery Co. ..... Butter
Tripoli Leader ..... Printing, publishing

TURIN (158) Monona County
C. & N. W. Ry.
Cement Products Co. ..... Cement tile, blocks

UNION (660) Hardin County
M. & St. L. Ry.
Union Roller Mills (Reece & Reece) ..... Flour and feed
The Union Star ..... Printing, publishing

UTE (580) Monona County
C. M. & St. P.; C. & N. W. Rys.
Ute Independent ..... Printing, publishing

VAIL (635) Crawford County
C. & N. W. Ry.
Vail Observer ..... Printing, publishing
Watson, Wm. W. ..... Harness

VALLEY JUNCTION (3,631) Polk County
C. R. I. & P.; M. & St. L. Rys.
Chicago, Rock Island & Pacific Shops ..... Car and locomotive repairs
Glas, Carl J. ..... Cigars
Hawks, George ..... Bakery products
Valley Express ..... Printing, publishing

VAN HORN (524) Benton County
C. M. & St. P. Ry.
Dexter-Farmer Canning Co. ..... Canned tomatoes and vegetables
Dircks, A. W. ..... Cement blocks
Van Horn Record ..... Printing, publishing

VAN METER (358) Dallas County
C. R. I. & P. Ry.
Platt Company ..... Pressed and fire brick

VENTURA (200) Cerro Gordo County
C. M. & St. P. Ry.
Ventura Farmers Creamery Co. ..... Butter

VICTOR (802) Iowa and Poweshiek Counties
C. R. I. & P. Ry.
Bowman Bros. ..... Cement blocks and vaults

VILLISCA (2,111) Montgomery County
C. B. & Q.; Atlantic No. & So. Rys.
Best, W. J. ..... Cooperage work
Richey & Company ..... Flour and feed
Tyler Bros. ..... Butter, ice cream, cheese, carbonated drinks
Villisca Review and Letter ..... Printing, publishing
Wallace, T. E. ..... Printing, publishing

Name of Firm by Location.	Goods Made.
VINTON (3,381) Benton County	
C. R. I. & P. Ry.	
Aikley Brick and Tile Works (Vinton Tile and Brick Co.)	Brick and tile
Benfer, Leslie H.	Cigars
Cedar Valley Times	Printing, publishing
Corn Belt Truck Co.	Auto trucks
Fowler and Sons	Poultry and produce packing
Fuccho, John	Bakery products
Iowa Canning Co.	Canned corn
Robinson Spreader Co.	Manure spreaders
Schuplin, John B.	Harness
Vinton Canning Co.	Canned corn
Vinton Creamery Co.	Butter
Vinton Eagle	Printing, publishing
Vinton Gas Co.	Illum. gas
Vinton Harness Co.	Harness
Vinton Heat and Artif. Ice Co.	Artif. ice
Vinton Review	Printing, publishing
Vinton Water and Electric Light Works	Electric light and power
Wood, Thomas	Cement blocks
VOLGA (415) Clayton County	
C. M. & St. P. Ry.	
Volga Co-op. Creamery Co.	Butter
VOLNEY Allamakee County	
Rural delivery from Monona, Iowa.	
Volney Cheese Factory	Cheese
WADENA (318) Fayette County	
C. M. & St. P. Ry.	
Riverside Creamery Co.	Butter
WALKER (464) Linn County	
C. R. I. & P. Ry.	
Walker Creamery, The	Butter
Walker News	Printing, publishing
WALLINGFORD (197) Emmet County	
C. R. I. & P. Ry.	
Farmers Creamery Co.	Butter
WALL LAKE (737) Sac County	
C. & N. W.; Ill. Cen. Rys.	
Calhoun, Jas.	Harness
Wall Lake Blade	Printing, publishing
WALNUT (1,072) Pottawattamie County	
C. R. I. & P. Ry.	
Larsen, Jens	Cement blocks, tile
Walnut Water Works and Light Plant	Electric light and power
WAPELLO (1,480) Louisa County	
C. R. I. & P.; Muscatine No. & So. Rys.	
Baxter Bros. Co.	Canned corn, succotash
Home Milling Co.	Flour
Iowa Pearl Button Co.	Pearl button blanks
Pease, H. O. Mfg. Co.	Glass cutting tool
Peoples Gas and Electric Co.	Electric light and power
Wapello Republican	Printing, publishing
Wapello Tribune	Printing, publishing

Name of Firm by Location.	Goods Made.
WASHINGTON (4,697) Washington County C. R. I. & P.; C. M. & St. P.; C. B. & Q. Rys.	
American Pearl Button Co.	Pearl buttons
Busby, C. W. Co.	Hog oilers, etc.
City Water and Light Co.	Electric light and power
Evening Journal	Printing, publishing
Gobble Bottling Works	Mineral and soda water
Hartman Ice Cream Co.	Ice cream
Bebener, Charles	Monuments
Hemmings, J. F.	Feed
Iowa Gas and Electric Co.	Gas and electricity
Iowa Pride Stock Food Co. (J. E. Kunath, G. B. Kerr & Co.)	Stock food
Kolossick Bros.	Stock and poultry remedies
Lupton, J. T.	Monuments
McCleery, Hugh H.	Printing, calendars
Minick, T. & Sons	Concrete blocks
Washington Brick and Tile Works	Brick and tile
Washington Democrat	Printing, publishing
Wolary, Wilbur W.	Concrete products, building blocks
WASHTA (508) Cherokee County Ill. Cen. Ry.	
Hartman, W. G. & Co.	Harness
Washta Journal	Printing, publishing
Washta Rendering Works	Tankage and fertilizer
WATERLOO (36,230) Black Hawk County Ill. Cen.; C. G. W.; C. R. I. & P.; W. C. F. & N. Rys.	
Allen Printing Co., The, 128½ E. 4th	Printing
Alstadt and Langlas, 306 E. 4th	Bakery products
American Mfg. Co., 615½ Jefferson	Notions, men's neckwear
Armstrong Mfg. Co.	Well drilling machines, gasoline engines, pumps
Artificial Ice and Fuel Co., East 9th & Water	Ice
Art Novelty Pottery (Wm. Raab, Prop.) 203 Utica St.	Pottery, clay and plaster paris novelties
Associated Mfg. Co., Jefferson and W. Mullan Ave.	Gasoline engines, farm implements
Baum and Scholl, Sycamore & Oak	Doughnut machines
Black Hawk Auto Top Co., 320 W. Park Ave.	Auto tops
Black Hawk Coffee and Spice Co., 412 Sycamore St.	Coffee, teas, spices and extracts
Black Hawk Mfg. Co., Miles near McKinley	Gray iron castings, foundry products
Bovee Furnace Works, 8th near River	Furnaces, feed mills
Bryant Paving Co., 807 Black Hawk Bldg.	Asphalt
Carson Bros., 923 West 3d St.	Bakery products
Cedar Valley Cigar Co., 101-105½ E. 5th	Cigars
Cedar Valley Creamery	Butter
Cement Products Co., Water & Concrete	Cement blocks
Cement Tile Machinery Co., 124 Rath	Cement tile machinery
Chamberlain Machine Works, 407 Sycamore	Cream separator parts and tools
Citizens Gas and Electric Co., Commercial & West Park Ave.	Gas and electricity
Clyde, John J. & Co., Federal Bldg.	Printing

Name of Firm by Location.	Goods Made.
Waterloo—Continued.	
Coles Rendering Works, 2028 Lafayette	Rendering, tallow, fertilizer
Connolly Arthur, 713 Jefferson	Carriages
Crown Bottling Co., (Baron T. Steuben)	Mineral and soda water
Dart Truck and Tractor Corporation, Ainsboro & Stratford Aves.	Motor trucks and parts, tractors
Evans Dollar Pen Co., 511 Lafayette	Fountain pens
Fellner Candy Co., 903 Sycamore	Candy
Ferguson Mfg. Co., 118-120 Rath	Well drilling machines
Fisher Tent and Awning Co., 706-708 Lafayette	Tents and awnings
Furry, Corbin Co.	Rubber stamps, office supplies
Galloway, Wm. Co., Westfield & Ballou	Gas engines, agricultural implements
Goodman, W. A. Furnace Co.	General founders and machinists, furnaces
Gross-Allbee Print Shop, 220 West 5th	Job printing
Hartman, W. H. & Co. (The Courier), 209-213 West Park Ave.	Printing, publishing
Hawkeye Foundry Co., Westfield and Vaughn	Foundry work, gray iron castings
Hawkeye Glove and Mitten Co.	Gloves and mittens
Hawkeye Granite Co., 108 11th St.	Monuments
Hawkeye Mfg. Co., 903 Sycamore	Gas machines, swings, post hole augers
Headford Bros. and Hitchens Foundry Co., Westfield & Vaughn	Gray iron castings
Herrick Refrigerator and Cold Storage Co., Cedar River, W. 8th to W. 9th	Refrigerators
Howell, W. B. & Co., 708 Sycamore	Printing, binding
Illinois Central Railway Shops	Car and locomotive repairs
Iowa Dairy Separator Co., Jefferson and West Mullan	Cream separators
Iowa Gasoline Engine Co., 207-209 Center St.	Gasoline engines, machine work
Iowa Skirt Mfg. Co., 214 E. 3d St.	Skirts, aprons and house dresses
Jerald Sulky Co., 64 Webster	Sulkies, wheels and parts
Kimball, Fred L. Co., 411 Commercial	Printing, publishing
Koebele, P. A. Co., 121 E. 5th	Cigars
Kretzschmer & Mathias, 1626 Franklin St.	Concrete blocks and brick
Langfeldt Candy Co., 501 Bluff St.	Confectionery
Lichty, B. F. & Sons, 922 Sycamore	Heating contractors, furnaces
Litchfield Mfg. Co., Parker & Broadway	Agricultural implements
McDermott, M. T., 121 E. 5th	Cigars
Meany, J. J., Casket Co., 216½ Western Ave.	Caskets and undertakers' supplies
Moore Mfg. Co., Concrete & Water Sts.	Tanks, sheet metal work
Nauman Co., The, Cedar & W. Park Ave.	Sash, doors, mill work, bank and office fixtures
Nielson, Nicholas, 1111 East 4th	Bakery products
Northey Mfg. Co., Bluff and W. Park	Refrigerators, cooling and cold storage systems
Novelty Wire Works, 402-16 Falls Ave.	Carpet beaters, corn dryers, wire novelties

Name of Firm by Location.	Goods Made.
Waterloo—Continued.	
Olympia-Constantinople Greek Bakery, 109 Oneida St.	Bakery products
Orange Creamery Co., Rural Del. No. 1	Butter
Parrott, Matt and Sons Co., Sycamore and E. Park	Printing, publishing
Peerless Baking Co.	Bakery products
Powers Mfg. Co., 1340 Sycamore	Horse collars
Producers Milk Co., 929 Sycamore	Ice cream, butter, etc.
Rath Packing Co., Sycamore & Elm	Meat packing; slaughtering
Sibert & Sons, 712 Bluff St.	Mineral and soda water
Stewart, A. C. Auto Tire Co., 307 East 5th St.	Auto tires, tubes, vulcanizing
Stewart Mfg. Co., 124-132 Rath	Concrete machinery
Stewart-Simmons Press, 714-16 Jefferson	Printing, publishing
Stimson Auto Top Co., 713 Jefferson	Auto tops
Superior Brass Foundry, 82-84 W. 11th	Aluminum cooking utensils, brass and bronze castings, gas engines
Swift and Company, 90 Sycamore	Poultry and produce packing
Swift Mfg. Co., Westfield Ave. near Lamson	Feed cookers, tank heaters, grinding mills, grain elevators, etc.
Teeter, Fred, 1917 Lafayette	Cement blocks
United Mfg. Co., 310 West 4th	Neckwear
Vaughan Mfg. Co., 800 Commercial	Printing presses
Walker Remedy Co., 328 West Park Ave.	Poultry remedies
Waterloo Canning Co., 213 Lafayette	Canned corn
Waterloo & Cedar Falls Union Mill, 4th and Water	Flour and mill products
Waterloo, Cedar Falls & Northern Ry., Electric Plant	Electric light and power
Waterloo Chemical Works, Fairview Ave. and Park	Chemical preparations
Waterloo Construction Machinery Co., Vincent and Glenwood Sts.	Concrete mixers, and hoisting machinery
Waterloo Dredge, The, 1709 River St.	Crushed rock, sand, gravel
Waterloo Engraving & Service Co., 219-221 W. 5th.	Engraving, printing plate
Waterloo Gasoline Engine Co., Mills & Commercial Sts.	Gasoline and traction engines, cream separators, milkers, manure spreaders, pump jacks
Waterloo Glove Co.	Gloves and mittens
Waterloo Granite Brick Co., La Porte & Rock Island Tracks	Brick
Waterloo Ice Cream Co., 418-420 E. 6th	Ice cream and cones
Waterloo Mfg. Co., Commercial and Thompson Sts.	Iron and sheet metal products, plumbers and tinners supplies
Waterloo Pattern Works, 506 Edwards	Patterns (not paper)
Waterloo Playford Silo Co.	Silos and parts
Waterloo Register Co., 112 Rath St.	Registers and furnaces
Waterloo Saddlery Co., 3d & Sycamore	Saddlery, harness
Waterloo Sash and Fixture Works, 513-523 East 7th St.	Bank and office fixtures, sash, doors, etc.

Name of Firm by Location.	Goods Made.
Waterloo—Continued.	
Waterloo Skirt and Garment Corp., 148 So. Barclay	Skirts, garments
Waterloo Steam Boiler Works, Division and Rath Sts.	Steam boilers, tanks, smoke stacks
Waterloo Times-Tribune Co., 502 Sycamore	Printing, publishing
Waterloo Vulcanizing Co., 102 East 5th	Vulcanized tires
Weis, Henry, 719 Commercial St.	Egg case fillers (paper)
West Side Candy Kitchen	Confectionery
Zeising, H. F., 100 Rath St.	Foundry work, furnaces

WATERVILLE (183) Allamakee County
C. M. & St. P. Ry.

Farmers Co-op. Creamery Co.	Butter

WAUCOMA (457) Fayette County
C. M. & St. P. Ry.

Waucoma Farmers Co-op. Creamery Co.	Butter
Waucoma Sentinel	Printing, publishing
Webster Bros. Mfg. Co.	Boxes, egg cases, sash and doors, mill work

WAUKON (2,359) Allamakee County
C. M. & St. P. Ry.

Cherry Mount Cheese Factory, 20 mi. south	Cheese
Farmers Co-op. Creamery Co.	Butter
Forest Mills Cheese Factory, 9 mi. south	Cheese
French Creek Cheese Factory, 7 mi. north	Cheese
Hanover Cheese Factory No. 1, 9 mi. north	Cheese
Hanover Cheese Factory No. 2, 8 mi. north	Cheese
Hartley, Thomas	Cigars
Johnson, C. G.	Harrows, agric. implements
Interstate Power Co.	Electric light and power
O'Brien, Thomas F.	Harness
Powdered Milk Factory	Powdered milk
Pratt, R. F.	Cabinets
Village Creek Cheese Factory, 6 mi. north	Cheese
Waukon Bottling Works	Mineral and soda waters
Waukon Democrat	Printing, publishing
Waukon Flour Mill	Flour and feed
Waukon Standard	Printing, publishing

WAVERLY (3,352) Bremer County
Ill. Cen.; C. R. I. & P.; C. G. W.; W. C. F. & N. Rys.

Blain, Geo.	Cement blocks
CaPhenin Chemical Co.	Chemical preparations
Fosselman, Chris A.	Ice cream, soft drinks
Friedl, George	Bakery products
Gasper, Mike	Cement blocks, staves
Gruben, Matthew & Son	Monuments, etc.
Independent Republican	Printing, publishing
Iowa Sugar Co.	Beet sugar
Kelley Canning Co.	Canned corn
Miller Mfg. Co.	Wood-working plant, mill work, store fixtures, caskets.
Mohawk Condensed Milk Co.	Butter, condensed milk
Pacific Extract Co.	Extracts
Wartburg Publishing House	Printing, publishing

Name of Firm by Location.	Goods Made.
Waverly—Continued.	
Washington Co-op. Creamery, Rural route 5, 3½ miles East	Butter
Waterloo Skirt & Garment Co.	Skirts and garments
Waverly Cement Tile Co.	Cement tile, silos
Waverly Democrat	Printing, publishing
Waverly Gas Co.	Gas
Waverly Light & Power Co. (Municipal)	Electric light and power
Waverly Phoenix	Printing, publishing

WAYLAND (637) Henry County
M. & St. L.; C. B. & Q. Rys.

Wayland Lumber and Cement Products Co.	Cement blocks and tile
Wayland News	Printing, publishing

WEBB (219) Clay County
C. M. & St. P. Ry.

Webb Creamery	Butter

WEBSTER CITY (5,657) Hamilton County
C. & N. W.; Ill. Cen.; Crooked Creek Rys.

Cement Pipe & Tile Co.	Cement pipe and tile
Closz, Charles Co.	No choke sieves for threshers
Dodge and Baker	Monuments
Ellingson, Mathre & Co.	Butter
Freeman-Journal Publishing Co.	Printing, publishing
Hahne Printing Co.	Publishers of stock catalogues and the Aberdeen Angus Journal
Jeffers, E. M. Toy Manufacturer	Toys
McCollough, W. A. & Son, Inc.	Hog furniture, stock troughs, cattle bunks
Monarch Co., The	Stock troughs, hog waterers
National Check Writer Mfg. Co.	Check writers
National Retarder Co.	Retarder
National Sewer Pipe Co.	Vitrified sewer pipe, tile, conduits, flue linings, etc.
Northwestern Felt Shoe Mfg. Co.	Felt shoes, slippers
Osmundson Tile Spade Co.	Tile spades, end gates
Therm-A-Jug Co.	Therm-a-jugs
Webster City Dairy Co.	Ice cream
Webster City Gas Plant	Gas
Webster City Light & Water Works	Electric light and power
Webster City Mills	Flour and feed

WELLMAN (875) Washington County
C. R. I. & P. Ry.

Iowa Clay Products Co.	Brick and tile
Wellman Advance	Printing, publishing
Wellman Roller Mills	Flour

WELLSBURG (482) Grundy County
C. R. I. & P. Ry.

Beecroft Bakery	Bakery products
Wellsburg Herald	Printing, publishing

WESLEY (444) Kossuth County
C. M. & St. P. Ry.

Giddings, A. E., Co.	Cement blocks
Wesley News-World	Printing, publishing

Name of Firm by Location. Goods Made.

WEST BEND (969) Palo Alto County
C. R. I. & P. Ry.
West Bend Co-op. Creamery Co. ..... Butter

WEST BRANCH (638) Cedar County
C. R. I. & P. Ry.
Davis, John E. ..... Bakery products
West Branch Creamery ..... Butter
West Branch Times ..... Printing, publishing

WEST BURLINGTON (1,212)
Des Moines County
C. B. & Q. Ry.
Chicago, Burlington & Quincy Ry. Shops ..... Car and locomotive repairs

WESTGATE (255) Fayette County
C. G. W. Ry.
German Creamery Co., 4 mi. N. E. ..... Butter
Westgate Creamery Co. ..... Butter

WEST LIBERTY (1,834) Muscatine County
C. R. I. & P. Ry.
Cement Products Co., Inc. ..... Cement silos and coal pockets
Cornwell, A. M. ..... Bakery products
Index Printing Co. ..... Printing, publishing
Morris, C. W. ..... Bakery products
Nichols, J. C. ..... Stock troughs
West Liberty Co-op. Creamery Co. ..... Butter

WEST MITCHELL (117) Mitchell County
3-4 mile from Mitchell, Iowa.
West Mitchell Mill Co. ..... Flour and feed

WEST POINT (591) Lee County
C. B. & Q. Ry.
Reinstein, Joseph ..... Cigars
Walljasper, O. B. (Granite Roller Mills) ..... Feed and flour
West Point Bee ..... Printing, publishing

WEST SIDE (405) Crawford County
C. & N. W. Ry.
Pahl, Henry ..... Harness
West Side Journal ..... Printing, publishing

WEST UNION (1,777) Fayette County
C. M. & St. P.; C. R. I. & P. Rys.
Archer and Rowland ..... Harness
Argo-Gazette, The ..... Printing, publishing
Edmund, Joseph ..... Cigars
Fayette County Union ..... Printing, publishing
Peterson, P. G. (City Grist Mill) ..... Feed
Roggensack, Herman ..... Monuments
Talcott, Walter ..... Harness
West Union Farmers Creamery Co. ..... Butter

WHAT CHEER (1,626) Keokuk County
C. R. I. & P.; C. & N. W. Rys.
Beam's Baking Co. ..... Bakery products
Brown, C. E. ..... Ice Cream
Nicholson, Grant G. ..... Brick and tile, concrete blocks

Name of Firm by Location.	Goods Made.
What Cheer—Continued.	
Reisman, S. E. Produce Co.	Butter and produce
What Cheer Chronicle	Printing, publishing
What Cheer Clay Products Co.	Brick and tile
What Cheer Printing Co.	Printing, publishing
What Cheer Tool Co.	Miners' tools
Whyle, Arthur	Bakery products
WHEATLAND (549) Clinton County	
C. & N. W.; C. M. & St. P. Ry.	
Farmers Co-op. Creamery Assn.	Butter
Wheatland Gazette	Printing, publishing
WHITTEMORE (618) Kossuth County	
C. M. & St. P. Ry.	
Whittemore Champion	Printing, publishing
Whittemore Farmers Creamery Co.	Butter
WILLIAMS (495) Hamilton County	
Ill. Cen. Ry.	
Williams Enterprise	Printing, publishing
WILLIAMSBURG (1,251) Iowa County	
C. M. & St. P. Ry.	
Montgomery, E.	Butter and ice cream
Republican Printing Co. (Headquarters at Marengo, Iowa)	Printing
Williamsburg Creamery Co.	Butter
Williams, W. Frank	Harness
WILTON (1,178) Muscatine County	
Advocate-Review	Printing, publishing
Jacobson, Claus H.	Cigars
Roederer, John	Bakery products
Whitmer Grave Vault Co.	Steel grave vaults
Wilton Junction Water and Electric Light Co.	Electric light and power
WINFIELD (1,027) Henry County	
C. B. & Q.; M. & St. L. Rys.	
Merillat, P. C.	Adjustable collapsible culvert and bridge forms
Pierce, J. E.	Brick and tile
Smith, E. C.	Sash and door factory and building material
WINTERSET (2,906) Madison County	
C. R. I. & P. Ry.	
Bull Dog Clip Co.	Floor clips
Clark, J. N. & Son	Monuments
Farlow, Earl	Bakery products
Larrimer, Albert L.	Bakery products
Munson Mfg. Co.	Cultivator shields
Scarless Remedy Co.	Medicines
Winterset Brick and Tile Plant	Brick and tile
Winterset Electric Light Co.	Electric light and power
Winterset Madisonian	Printing, publishing
Winterset News	Printing, publishing
WINTHROP (507) Buchanan County	
Ill. Cen. Ry.	
Winthrop Creamery	Butter
Winthrop News	Printing, publishing

Name of Firm by Location.	Goods Made.
WODEN (188) Hancock County	
C. R. I. & P. Ry.	
Baack, Chas. Cement Block Factory	Cement blocks
Farmers Creamery Co.	Butter
WOODBINE (1,463) Harrison County	
C. & N. W.; Ill. Cen. Rys.	
Twiner Publishing Co.	Printing, publishing
WOODWARD (868) Dallas County	
C. M. & St. P.; I. U. Rys.	
Dallas County Clay Co.	Hollow blocks, tile, etc.
Woodward Enterprise	Printing, publishing
WORTHINGTON (341) Dubuque County	
C. M. & St. P. Ry.	
Worthington Creamery Co.	Butter
WYOMING (690) Jones County	
C. M. & St. P. Ry.	
Crescent Calendar Co.	Printing calendars
Wyoming Journal	Printing, publishing
ZEARING (471) Story County	
M. & St. L. Ry.	
Zearing Creamery Co.	Butter
ZWINGLE (124)	
Jackson and Dubuque Counties	
C. M. & St. P. Ry.	
Hague, H. S.	Butter

DIRECTORY OF IOWA MANUFACTURERS

Classified by Industries and Kind of Goods Manufactured, Giving Firm Name and Address

Firms by Industrial Classification.	Location
ADDING MACHINES—	
Teetor Adding Machine Co., 720 6th Ave.	Des Moines
AGRICULTURAL IMPLEMENTS	
	(Products mentioned specially)
Gross Mfg. Co., Carroll, Iowa	Eveners, pole ends
Hall Mfg. Co., Cedar Rapids	Farm implements and tools, hoists, vehicle tongues
Johnson Bros. Mfg. Co., Chariton	Haystackers, sweeprakes
Hart-Parr Co., Charles City	Threshers, plows, tractors, oil engines
Porter Tractor Co., Colfax	Farm tractors
Badger Mfg. Co., 2100 South, Council Bluffs	Agricultural implements
Hay Tool Mfg. Co., 1604 So. 1st St., Council Bluffs	Hay tools
Walker Mfg. Co., 10th Ave. & 12th St., Council Bluffs	Agricultural implements, hay bunchers, furrow openers, cribbing castings
Innis Grain Shocker Co., Davenport	Grain shockers
Lessman Loader Co., 210 Court Ave., Des Moines	Farm loader and dump scraper
Wood Bros. Thresher Co., E. 20th & Washington Sts., Des Moines	Threshers, traction engines, self-feeders, grain separators
Dubuque Spiral Harrow Co., 29th & Elm, Dubuque	Spiral harrows
Beck, N. L., Exira	Harrows, pig puller and pig snooter
Louden Machinery Co., Fairfield	Farm hardware specialties
American Fork & Hoe Co., 4th & Oliver, Ft. Madison	Farming tools
Gould Balance Valve Co., Kellogg	Traction engine valves, ensilage cutters
Light Draft Harrow Co., 600 E. Nevada, Marshalltown	Harrows, cultivators
Franklin Barn Equipment Co., Monticello	Barn equipment
American Fork & Hoe Co., Montrose	Hand garden plows and seeders, sweet potato diggers
Bloom Mfg. Co., Nashua	Manure spreaders
Nevada Truck & Tractor Co., Nevada	Auto plows, tractors
The Maytag Co., Newton	Agricultural implements, manure spreaders
One Minute Mfg. Co., Newton	Manure spreaders, washing machines, etc.
Barry Mfg. Co., So. Green St., Ottumwa	Corn planters and markers
Dain Mfg. Co. of Iowa, Vine & Madison Sts., Ottumwa	Hay tools, farm machinery

Firms by Industrial Classification.	Location
Agricultural Implements—Continued.	
Lasack Bros. & Co., Oxford Jct.	Hay loaders and agricultural machinery, also church and store furniture
Garden City Feeder Co., Pella	Self feeders
Hoth Hay Mower Co., Postville	Hay mowers
Dowden Mfg. Co., Prairie City	Potato diggers and sorters
Nelson Hood Company, Redfield	Thresher or blower hoods
Fairway Mfg. Co., Sioux City	Farm specialties
Perfection Corn Planter Co., Sioux City	Agricultural machinery, corn planters
Robinson Spreader Co., Vinton	Manure spreaders
Associated Mfg. Co., Jefferson & West Mullan Ave., Waterloo	Farm implements
Galloway, Wm. Co., Westfield & Ballou, Waterloo	Agricultural implements and gas engines
Litchfield Mfg. Co., Parker & Broadway, Waterloo	Agricultural implements
Waterloo Gasoline Engine Co., Mills & Commercial Sts., Waterloo	Manure spreaders, gasoline and traction engines, cream separators, milkers
Johnson, C. G., Waukon	Harrows, agricultural implements
Closz, Charles Co., Webster City	No choke sieves for threshers
Munson Mfg. Co., Winterset	Cultivator shields
AIRPLANES	
Jones-Willis Co., Inc.	Colfax
Fairfield-Iowa Curtiss Airplane Corp.	Fairfield
ALUMINUM CASTINGS, ALUMINUM WARE	
Mid-West Foundry Co.	Marion
Prier, Walter H.	Marshalltown
Superior Brass Foundry, 82-84 W. 11th	Waterloo
ANIMATOGRAPHS (Motion picture machines and supplies.)	
Victor Animatograph Co., 527 West 4th St.	Davenport
ARTIFICIAL FLOWERS	
Hulsizer Co., West 5th & Grand	Des Moines
ARTIFICIAL LIMBS	
Twin City Artificial Limb Co., 541 W. Broadway	Council Bluffs
Northern Artificial Limb Co., 1023 Walnut	Des Moines
ART SUPPLIES	
French-American Art Co., 1280 E. Pierce St.	Council Bluffs
ASPHALT	
Bryant Paving Co., 807 Black Hawk Bldg.	Waterloo
AUTOMOBILES, BODIES AND PARTS, INCLUDING AUTO ACCESSORIES	(Products mentioned specially.)
Carswell-Hammond Mfg. Co., Boone	Machinery for repairing autos
Stanley Skid Chain Co., Boone	Auto chains, etc.
Miller Wagon Co., Calmar	Auto cabs, wagons, etc.
Dayton Company, Cedar Falls	Auto supplies

Firms by Industrial Classification. Location

Automobiles and Accessories—Continued.

Beck-Hawkeye Motor Truck Works, 605-610 6th Ave., W., Cedar Rapids ..... Auto busses, trucks, carriages and wagons
Blake Auto Co., Cedar Rapids ..... Hot shot manifolds for autos
Elgin Motor Power Mfg. Co., Cedar Rapids .... Auto supplies, brackets, tire racks, carbon torpedoes, patches
General Ordnance Co., 8th Ave. E. Walnut, Cedar Rapids ..... Motor farm tractors
Lattner, Paul N. Mfg. Co., 515 F Ave. ..W., Cedar Rapids ..... Steam generators for autos, water still for batteries
Starman, Jos. Machine Co., Cedar Rapids ..... Auto parts, grinding wheels
Dunn Mfg. Co., Clarinda ..... Auto parts, counterbalances and fender braces for Fords
Independent Motor Truck Co., Davenport ..... Motor trucks
Red Jacket Mfg. Co., 3d & Farnam Sts., Davenport ..... Pumps, castings, auto manifolds
Auto Metal Parts Co., 626 E. Locust, Des Moines. Auto parts
Ford Motor Co., 18th & Grand, Des Moines ..... Fords and accessories
Lagerquist Carriage & Auto Co., 514-522 Second St., Des Moines ..... Auto tops, carriages, and wheels, etc.
Leader Tractor Co., E. 18th & R. I. Tracks, Des Moines ..... Tractors
Liberty Auto Pump Co., 109 E. Walnut, Des Moines Tire pumps
National Mfg. Co., 102 S. E. 5th, Des Moines .... Auto pails and various sheet iron products
Rasck, George P., 219-223 E. 1st St., Des Moines.. Patterns, models, auto pilots
Robinson Mfg. Co., 605 8th St., Des Moines ..... Auto tops
Sella Mfg. Co., 207 E. 2d St., Des Moines ..... Tractor steering device
Sentry Mfg. Co., 416 W. 15th, Des Moines ..... Adjustable auto windshield
Dubuque Truck & Tractor Co., 27th & Ry. Tracks, Dubuque ..... Tractors and trucks
Nic. Goetzinger & Sons Co., Dyersville ..... Auto boxes, wagons, etc.
Galva Truck Body Factory, Galva ..... Truck bodies
Spaulding Mfg. Co., Grinnell ..... Autos and carriages
Burns, E. E. Hartley ..... Auto chains
National Auto Supply Co., Independence ..... Automobile accessories
Iowa Falls Sheet Metal Works, Iowa Falls ..... Fordson fenders
New Way Machine Co., Jefferson ..... Auto radiators, etc.
Knowles, C. L., Kingsley ..... Tire chains
Lamoni Machine Co., Lamoni ..... Ford specialties
Woodruff, M. E. & Son, Lawler ..... Automobile tops
Auto Top Shop, Marshalltown ..... Auto tops
Marshalltown School Coach & Truck Body Mfg. Co., Marshalltown ..... Truck bodies
Watkins Mfg. Co., Marshalltown ..... Auto accessories
Nevada Truck & Tractor Co., Nevada..... Auto trucks and auto plows
One Minute Mfg. Co., Newton ..... Auto pumps (washing machines and manure spreaders are main product)
A. E. S. Mfg. Co., Oakville ..... Steering device for tractors
Hall Air Lock & Railway Supply Co., Oakville .. Ford braces, railway frogs and couplers
Iowa Motor Truck Co., Inc., 822 S. Madison, Ottumwa ..... Motor trucks
Parkersburg Mfg. Co., Parkersburg ..... Auto belt attachments

Firms by Industrial Classification.	Location
Automobiles and Accessories—Continued.	
Albertson & Co., 1st near Jennings, Sioux City	Auto tools
Allen Auto Radiator Repair Works, Sioux City	Radiator repairing, machine work
Harrington Auto Top Co., 310 Virginia, Sioux City	Auto tops
Hawkeye Truck Co., Sioux City	Auto trucks, machine work
Sioux City Welding & Machine Works, 201 5th St., Sioux City	Auto parts, pistons, rings, axles, shaft gears, etc.
Steam Tractor Auto & Mfg. Co., 219 West 7th, Sioux City	Piston rings and auto parts, auto painting
Steffen & Van Steenwyk Co., Sioux City	Truck bodies, cabs, etc.
Thomas, W. H., Mfg. Co., Spencer	Auto accessories
Muldovan, Lewis, Storm Lake	Auto tops, auto painting
National Auto Specialty Mfg. Co., Tama	Auto specalties
Corn Belt Truck Co., Vinton	Auto trucks
Black Hawk Auto Top Co., 320 West Park Ave., Waterloo	Auto tops
Dart Truck & Tractor Corp., Ainesboro & Stratford Aves., Waterloo	Tractors, motor trucks and parts
Stimson Auto Top Co., 713 Jefferson, Waterloo	Auto tops
AUTOMOBILE TIRES, TUBES, ETC.	
Pawnee Tire & Rubber Co., Cedar Falls	Tires and accessories
Hawkeye Tire Co., 215 E. 3d, Des Moines	Auto tires and tubes
Iowa Cord Tire Co., 24th & Scott, Des Moines	Auto tires
Iowa Traction Tread Tire Co., 419 11th St., Des Moines	Tire auxiliaries
Perfection Tire & Rubber Co., Ft. Madison	Tires and tubes
Mississippi Valley Rubber Co., Iowa City	Rubber goods
Standard Four Tire Co., 31st & Jackson Ave., Keokuk	Auto tires
Sitka Tire Core Co., Perry	Cores for auto tire casings
Sioux City Tire & Mfg. Co., 205 Fourth, Sioux City	Tires, accessories
Stewart, A. C. Auto Tire Co., 307 E. 5th, Waterloo	Auto tires, tubes, and vulcanizing
AWNINGS, TENTS, AND CANVAS PRODUCTS	
Boone Glove Works, 1021 Story St.	Boone
Burlington Tent & Awning Co., 313 N. Main St.	Burlington
Cedar Rapids Tent & Awning Co.	Cedar Rapids
Schmidt, G. R., 115 So. 1st St.	Cedar Rapids
Close to Nature Co.	Colfax
Council Bluffs Tent & Awning Factory, 727 W. Broadway	Council Bluffs
Wiggers, John, 712 West 2d St.	Davenport
Des Moines Tent & Awning Co., 913-915 Walnut	Des Moines
Seick Tent & Awning Co., 912 Locust	Des Moines
Clark Roller Awning Co., 220-248 Iowa St.	Dubuque
Ft. Dodge Canvas Works	Ft. Dodge
The Marshman Co.	Guthrie Center
Sigmund Bros., 27 and 29 Main St.	Keokuk
Mason City Tent & Awning Co., 336 So. Main	Mason City
Wuckey, Otto F., 501 Lowe St.	Muscatine
Ottumwa Tent & Awning Co., 633 West 2d	Ottumwa
Martin, G. E. Co., 307 Jackson St.	Sioux City
Sioux City Tent & Awning Co., 308 Jackson	Sioux City
Fisher Tent & Awning Co., 706-708 Lafayette	Waterloo

Firms by Industrial Classification. Location

BAKING POWDER
Ideal Yeast Co. ..... Cedar Rapids

BALERS, BALING PRESSES
Davenport Mfg. Co., Inc. ..... Bettendorf
Handy Sack Baler Co., 639 A Ave. W. ..... Cedar Rapids
Woodall Mfg. Co., West 2d & Elmwood Ave. .... Davenport
Handy Sack Baler Co. ..... Marion

BALLS AND BEARINGS
Johnston & Sharp Mfg. Co., Bashaw, foot of River ..... Ottumwa
Foster Brass Foundries ..... Cedar Rapids

BANKERS' SUPPLIES
Dawes, B. E., over 107 7th ..... Des Moines

BARNYARD EQUIPMENT (Also see Hog Furniture and Feeders; Dairymen's, Apiarists' and Poulterers' Supplies.)
Root, A. I. Co. of Iowa ..... Council Bluffs
Paulsen & Iwen ..... Denison
Atlee, S. & J. Co. ..... Ft. Madison
Hog Trough Mfg. Co. ..... Griswold
Bort Mfg. Co. ..... Hopkinton
Sharon Mfg. Co. ..... Marshalltown
Easter Mfg. Co. ..... Marshalltown
Lennox Company ..... Marshalltown
Lorenzen Bros., 107 N. Center St. ..... Marshalltown

BASKETS, RATTAN AND WILLOW WARE
Burlington Basket Co., Front & North Sts. ..... Burlington
Burlington Willow Ware Shops, 416 No. 3d St... Burlington
Iowa Hardwood Basket Co. ..... Burlington
Pauley, John, 931 Lucas ..... Muscatine
Council Bluffs Box & Basket Co., 101 So. 21st St.. Council Bluffs

BELT GUIDES, BINDER HITCHES
Caswell Mfg. Co. ..... Cherokee

BELTS, FOR MACHINERY
Betschy Engineering Co., No. 16th St. ..... Cedar Rapids
Peerless V Belt Co., 802 N. 16th St. ..... Cedar Rapids

BLACKING, SHOE POLISH, FLOOR AND FURNITURE POLISH
Kontinental Kompound Co. (Ltd.) 1102 So. Main St. ..... Council Bluffs
Diamond Shine Mfg. Co., 120 E. 5th St. ..... Davenport
Allbrite Mfg. Co., 915 Grand Ave. ..... Des Moines
Marvo Products Co., E. 1st & Walnut ..... Des Moines
Shine Easy Shoe Polish Co., 735 9th ..... Des Moines
Miller Chemical Co. ..... Marion

BLUEING
Shaver-Blake Co. ..... Cedar Rapids
Soo Mfg. Co., 2018 E. 7th ..... Sioux City

BOATS, BARGES, LAUNCHES, ETC.
Denis, Ira J. ..... Arnolds Park
Iowa Marine Engine & Launch Works ..... Bellevue
Dubuque Boat & Boiler Works, 550 3d St. ..... Dubuque
Dubuque Motor Boat Ways ..... Dubuque
Batchelor, E. A. & Sons, Foot of Sycamore ..... Muscatine

Firms by Industrial Classification. Location

BOILERS (Steam, Heating, etc.)

Murray Iron Works, Washington & Central Sts... Burlington
Chandler Heater Co. ..... Cedar Rapids
The Cullen Co., 8th Ave. & 1st ..... Clinton
Grupe Drier & Boiler Co., 325-331 E. 2d St. ..... Davenport
Beckman Bros., 5th & Raccoon ..... Des Moines
Furlong Boiler & Iron Works, 400 E. Court ..... Des Moines
Globe Machine & Supply Co., 205-207 Court Ave... Des Moines
Marshall, Wm., Steam Boiler Works, 10th and Washington ..... Dubuque
Bock Bros. Oxacetylene Welding and Boiler Works, 113 So. 12th St. ..... Ft. Dodge
Ft. Dodge Sheet Metal & Boiler Works ..... Ft. Dodge
Muscatine Boiler & Sheet Iron Works, E. 5th & Poplar ..... Muscatine
Seevers Mfg. Co., 602 1st Ave. W. ..... Oskaloosa
Ottumwa Boiler Works, Wapello & Ry. Tracks .. Ottumwa
Sioux City Foundry & Mfg. Co., 7th & Division .. Sioux City
Waterloo Steam Boiler Works, Division & Rath.. Waterloo

BOOTS AND SHOES

Vanderslice-Stahmer Shoe Co., 213 E. 2d St. .... Davenport
Piekenbrock, E. B., Shoe Co., 205 Main ..... Dubuque
Huiskamp Bros. Co., 200-220 Johnson ..... Keokuk
Williams, E. W., Shoe Co., West 5th & Sioux Sts.. Sioux City
Northwestern Felt Shoe Mfg. Co. ..... Webster City

BOX CAR LOADERS

Eagle Iron Works, E. 3d & Court ..... Des Moines
Ottumwa Box Car Loader Co., West 2d & C. M. & St. P. Tracks ..... Ottumwa

BOXES, CIGAR

Burlington Cigar Box Co., 118 So. 4th ..... Burlington
Davenport Cigar Box Co., 114-116 Western Ave... Davenport
Iowa Cigar Box Factory, 709 Harrison ..... Davenport
Des Moines Cigar Box Co., 432 E. Grand ..... Des Moines
Reinig, P. A., Mfg. Co., 27 So. 5th St. ..... Keokuk
Ottumwa Cigar Box Co., 708 Church St. ..... Ottumwa
Sioux City Box Co., 610 Cook ..... Sioux City

BOXES, FANCY AND PAPER

Tabor Burns Co., Plane Street ..... Burlington
Cedar Rapids Paper Box Co., Inc. ..... Cedar Rapids
Enterprise Box Co., 720 1st Ave. W. ..... Cedar Rapids
Klein Paper Co. ..... Clinton
Kerker Paper Box Co., 315-317 E. 5th ..... Davenport
Des Moines Paper Box Mfg. Co., 430 E. Grand.. Des Moines
Kaplan Paper Box Co., 1115 Locust (Upstairs).. Des Moines
Key City Box Factory, 561 Garfield ..... Dubuque
Hinde & Dauch Paper Co., Hamilton & Occidental.. Ft. Madison
Gate City Paper Box Co. ..... Keokuk
Niemeyer Bros., 226 So. Market St. ..... Ottumwa
Sioux City Box Co., 610 Cook ..... Sioux City

BOXES AND CRATES (OF WOOD)

The Stewart Co. ..... Cherokee
Smith, F. & Son, 1410 6th St. ..... Clinton
Atlee, S. & J. Co. ..... Ft. Madison
Ottumwa Barrel Co. ..... Ottumwa
Webster Bros. Mfg. Co. ..... Waucoma

Firms by Industrial Classification. Location

BRASS, BRONZE AND ALUMINUM PRODUCTS
(Also see Foundry and Machine-Shop Products, Plumbers' Supplies.)

Cedar Falls Brass Foundry ..... Cedar Falls
Dearborn Brass Co., B Ave. & N. 8th St. ..... Cedar Rapids
Foster Brass Foundries ..... Cedar Rapids
Bush, W. F., Brass Foundry, E. 16th & Grand .. Des Moines
Eureka Brass Foundry, 923 Pennsylvania Ave. .. Des Moines
Hawkeye Machine & Brass Works, 116 Court .. Des Moines
Iowa Novelty & Brass Works, 117-119 Grand .... Des Moines
McDonald, A. Y. Mfg. Co., 12th & Pine ..... Dubuque
Morrison Bros., 2489 Elm ..... Dubuque
Mid-West Foundry Co. ..... Marion
Prier, Walter H. ..... Marshalltown
Superior Brass Foundry, 82-84 W. 11th ..... Waterloo

BRAZING (See Welding and Brazing.)

BREAD AND OTHER BAKERY PRODUCTS

Harvey, Harry ..... Adel
Kregen, W. H., Companies ..... Albia
Peterson and Stodgill ..... Albia
Algona Bakery ..... Algona
Bates, Wm. S. ..... Ames
City Baking Co. ..... Ames
Beener, Wm. C. ..... Atlantic
Clean Sanitary Grocery & Bakery ..... Belle Plaine
Duckworth, Henry W. ..... Bloomfield
Johnstone Bakery Co., 628 Story ..... Boone
Richardson, Fred H., 812 8th St. ..... Boone
Conrad, H. G. ..... Brighton
Neff, Frank L. ..... Brooklyn
Murer, Adolph ..... Buffalo
Baum, Myron, 315 Jefferson ..... Burlington
Burlington Bread Co., 876 Jefferson ..... Burlington
Federal System of Bakeries, 410 Jefferson..... Burlington
Frudeger Bros. ..... Burlington
Iowa Biscuit Co., 216 So. 3d..... Burlington
Model Bakery ..... Burlington
Nafziger Baking Co. ..... Burlington
Ryder, John J., 1200 Locust ..... Burlington
Standard Bakery ..... Burlington
Carroll Bakery ..... Carroll
Farrell's Bakery ..... Carroll
Jasten, John ..... Carroll
Barker System of Bakeries ..... Cedar Rapids
Brems, J. F., 220 So. 1st St. ..... Cedar Rapids
Currell Purity Baking Co., 326-330 6th Ave. W.... Cedar Rapids
Damour, F. W., 317 2nd Ave. ..... Cedar Rapids
Federal System of Bakeries ..... Cedar Rapids
Maurer Bakery, 204 N. 1st West ..... Cedar Rapids
Mt. Vernon Ave. Bakery, 901 Mt. Vernon..... Cedar Rapids
Pure Food Baking Co., 306-310 6th Ave. ..... Cedar Rapids
Quality Baking Co., 413 2nd Ave. W. ..... Cedar Rapids
Spitznagle's Bakery, 708 So. 3d St. ..... Cedar Rapids
Watson's Bakery ..... Cedar Rapids
Hagerman & Son ..... Centerville
Purity Bakery ..... Centerville
Sanitary Bakery ..... Centerville
Star Bakery Co. ..... Chariton
Tacker Bakery ..... Chariton

Firms by Industrial Classification.	Location
Bread and Bakery Products—Continued.	
Horn, H. C.	Charles City
Pure Food Bakery	Charles City
Home Bakery	Cherokee
Stowell & Ogilvy	Cherokee
Martindale, J. W. & Son	Clarinda
Owen and Owen	Clarinda
Neilson, C. A.	Clarion
Boyce, J. A., Bakery, 916 So. 4th	Clinton
Clinton Steam Bakery	Clinton
Herrity, John W., 714 So. 4th	Clinton
Iten Biscuit Co., No. 2nd and Ash	Clinton
Korn, H., Baking Co.	Clinton
Stodden's Bakery	Clinton
Ideal Bakery	Coon Rapids
Eve's Bakery	Council Bluffs
Skinner Baking Co., 516 Mynster St.	Council Bluffs
Sun Manufacturing Co.	Council Bluffs
White Bakery	Council Bluffs
Crescent Macaroni and Cracker Co., 425 Iowa St.	Davenport
Haglund's Bakery, 801 West 2nd St.	Davenport
Independent Baking Co., Rockingham Road	Davenport
Korn, H., Baking Co., 6th & Main St.	Davenport
Maehr Co., The, 110 West 2nd St.	Davenport
Pine Street Bakery, 304 So. Pine St.	Davenport
Walcher's Bakery, 732 Marquette St.	Davenport
Barker System Bakery, 502 Walnut	Des Moines
Boekenhoff Bakery & Cafe Co., 214 6th Ave.	Des Moines
Butter-Nut Bread Co., 1014 E. 12th	Des Moines
Campbell Bread Co., 648 E. Grand Ave.	Des Moines
Caplan Bakery Co., 834-836 E. 6th St.	Des Moines
Des Moines Bakery Co., 3d & Market	Des Moines
French Bakery, 1909 Cottage Grove Ave.	Des Moines
Garton's Bakery, 2nd & Locust	Des Moines
Harmon, Jas. R., Bakery, 419 9th	Des Moines
Hoare, J. T., Bakery, 1149 W. 13th	Des Moines
Holland Bakery, 12th & Grand Ave.	Des Moines
Ideal Bakery, 944 6th Ave.	Des Moines
Iowa Bakery, 903 Grand Ave.	Des Moines
Iowa Macaroni Mfg. Co., 805 S. W. 1st	Des Moines
Kaufmann-Cutler Baking Co., 936 6th Ave.	Des Moines
Kennard's Bakery, 1926 Cottage Grove	Des Moines
Korn's Bakery, 415 7th	Des Moines
National Biscuit Co., 10th & Cherry Sts.	Des Moines
Pappa's Baking Co., 303-305 S. W. 5th	Des Moines
Peter Plan Bakery, 419 E. 6th Ave.	Des Moines
Red Ball Bakeries, 313 2nd	Des Moines
Redinger's Bakery	Des Moines
Redman, S. C., Bakery, 634 E. Grand	Des Moines
Schulze Baking Co., 325 S. W. 5th	Des Moines
Stelling"s Bakery, 1309 Forest	Des Moines
Turner & Son, Chicago Bakery, 213 E. Walnut	Des Moines
Ungles Pie Co., 1316 Center	Des Moines
Waldner, Geo., Bakery, 903 Grand Ave.	Des Moines
Watts, Frank, 908 Center	Des Moines
Weissinger, Carl, Bakery, 418 E. 6th	Des Moines
Dubuque Biscuit Co., 9th & Jackson	Dubuque
Federal Bakeries, 860 Main	Dubuque
Humke, F. O., 1527 Clay St.	Dubuque
Mulgrew, M. J., Baking Co., 327 Main	Dubuque

Firms by Industrial Classification. Location

Bread and Bakery Products—Continued.

Novelty Bakery, 1078 Main ..... Dubuque
Stines Baking Co., 107 West Locust ..... Dubuque
Sussman, Henry, 129 Main St. ..... Dubuque
Sutter, S. (Columbia Bakery), 1369 Clay St..... Dubuque
Vienna Bakery, 1130 Iowa ..... Dubuque
Bake-Rite Co. ..... Fairfield
Federal Bakery ..... Fairfield
Daylight Bakery (H. C. Davis) ..... Fairfield
Sauer, Phillip ..... Fairfield
Turner and Facer ..... Fairfield
Nydegger, A. Edw., Bakery, 925 Central Ave. .... Ft. Dodge
Pfaff Baking Co., 1802 1st Ave. So. ..... Ft. Dodge
Thompson Bakery Co., 12th St. ..... Ft. Dodge
Larsen's Bakery ..... Ft. Madison
Grinnell Bakery ..... Grinnell
Woodburn, Robt. H., Bakery ..... Hampton
Gletty, L. J. ..... Humboldt
Humeston Bakery ..... Humeston
Barry, W. J. ..... Iowa City
City Bakery, 222 E. Washington ..... Iowa City
Home Bakery ..... Iowa City
Namour, E., Bakery ..... Iowa City
Oakland Bakery, 1119 E. Court St..... Iowa City
Quaker Bakers (chain branch) ..... Iowa City
Hyman's Bakery ..... Iowa Falls
Iowa Falls Bakery Co. ..... Iowa Falls
Vienna Bakery ..... Iowa Falls
Cadd, Geo. ..... Jefferson
Northside Bakery ..... Jefferson
Federal Bakery ..... Keokuk
Off's Bakery ..... Keokuk
Schouten's Bakery, Inc., 1000 Main ..... Keokuk
Pollard's Bakery ..... Keokuk
Harvey, W. G. ..... Knoxville
Peterson Bakery ..... Knoxville
Sherman, N. W., Bakery ..... Lake Ctiy
Waswo's Home Bakery ..... Lamoni
Ogelvie, J. ..... Le Mars
Leon Bakery ..... Leon
Bragg, B. B. ..... Lineville
Bickel Baking Co. ..... McGregor
Hall and Turner ..... Manchester
McKeag Bros. ..... Manchester
Manson Bakery (L. P. Christensen) ..... Manson
Haight, Frank S. ..... Maquoketa
McLaughlin, H. F. ..... Marcus
Freeman, Roy M. ..... Marion
Homaid Bakery Co. ..... Marion
Central Bakery, 513 N. Center ..... Marshalltown
Marshalltown Bakery ..... Marshalltown
Soukup, Mathias (Acme Bakery)
327 So. 3d Ave. ..... Marshalltown
Standard Bakery Co., 10 West Main ..... Marshalltown
Strand Bakery ..... Marshalltown
Strubs Bakery ..... Marshalltown
Mason City Baking Co., 319 So. Delaware..... Mason City
Jos. Wigle, 315 N. Main ..... Mason City
Wilson and Kelley, 319 W. 5th ..... Mason City
Gemberling, C. E. ..... Mechanicsville
Kemper, Wm. A. ..... Missouri Valley

Firms by Industrial Classification.	Location
Bread and Bakery Products—Continued.	
Rheinhart, Chris	Mt. Pleasant
Tastrite Bakery Co.	Mt. Pleasant
Virden & Melburg	Mt. Pleasant
Barrett, J. Fletcher	Mount Vernon
Coates, F. C.	Mount Vernon
Kautz, M., Baking Co., 114 E. 3d	Muscatine
Thompson & Bloom, 500 Mulberry Ave.	Muscatine
U. S. Bakery (Schweitzer & Rolfe, Prop.)	Muscatine
Eggenhofer, Frank	New Hampton
Fliger, Louis	New Hampton
McAloon & Martinek	New Hampton
Westmoreland, Richard	New Sharon
Iowa Bake-Rite Co.	Newton
Neel, Samuel F., Mfg. Co.	Newton
Newton Bakery Co.	Newton
Hutchison, N. S.	Odebolt
Neubauer-Schoenberg Baking Co.	Oelwein
Star Bakery	Oelwein
Johnson, Alfred L.	Ogden
Eerkes-Van der Maaten Co.	Orange City
Menkveld, Gerrit	Orange City
Earhart, Wm.	Osage
Bon Ton Bakery	Oskaloosa
Grefe, Edward E. (Sanitary Bakery), 315 High Ave. W.	Oskaloosa
Ideal Baking Co., 108 1st Ave. E.	Oskaloosa
McMillan's Bakery, 207 High Ave. E.	Oskaloosa
Butter-Nut Bread Co., 229 East 3d St.	Ottumwa
Dupy Bakery, 106 So. Market	Ottumwa
Iowa Bake-Rite Co., 104 So. Market	Ottumwa
Lowenberg's Bakery, 120 E. 2nd St.	Ottumwa
Red Ball Bakery, 110 So. Market	Ottumwa
Smith, C. H. & Son, Bakery, 317 E. Main	Ottumwa
Smith, J. L., 410 Church	Ottumwa
Sybenga Bakery	Pella
Vander Ploeg, John	Pella
Liebel, John F., 411 Reed St.	Red Oak
Whitmer's Bakery	Red Oak
Zondler, H. C., City Bakery	Red Oak
Reinbeck Bakery	Reinbeck
Smith, Henry	Rock Rapids
Martens, Wm. J.	Rockwell City
Luthill, E. H.	Sabula
Gutman, Geo.	St. Ansgar
Honen Bakery	Sanborn
Bragg, Mrs. Sherman & Son	Seymour
Miller & Co.	Shenandoah
Simpson, C. C.	Shenandoah
Gould, H. A.	Sibley
Smith, John	Sioux Center
Baker's Home Bakery, 1103 Court St.	Sioux City
Barker Bakeries, 700 Pierce	Sioux City
Benton, W. J., 403 West 7th	Sioux City
Campbell Baking Co., 913-19 Pearl St.	Sioux City
Chicago Bakery Co., 604 Iowa St.	Sioux City
European Bakery, 1807 E. 4th	Sioux City
Federal System of Bakeries, 500 Nebraska	Sioux City
Husby and Anderson Home Bakery, 707 Pierce	Sioux City
Iowa Bakery Co., 1217 4th	Sioux City

Firms by Industrial Classification. Location

Bread and Bakery Products—Continued.

Johnson, A. R. & Co., 408 Iowa ..... Sioux City
Johnson Biscuit Co., 5th & Wall ..... Sioux City
Liberty Bakery, 300 West 7th ..... Sioux City
Nartz, Louis, 409 W. 7th ..... Sioux City
New England Steam Bakery, 408 Jennings ..... Sioux City
Quality Bakery, 319 4th ..... Sioux City
Sioux City Bakery, 817 W. 7th ..... Sioux City
Woodbury Baking Co. ..... Sioux City
Peerless Bakery ..... Spencer
Spencer Bakery ..... Spencer
Houston, S. C. ..... Storm Lake
Zieke Bakery ..... Storm Lake
Story City Bakery ..... Story City
Fagan, W. P., Bakery ..... Stuart
Bell, Clarence E. ..... Toledo
Gates, Alva H. ..... Traer
Hawks, George ..... Valley Junction
Fuccho, John ..... Vinton
Alstadt & Langlas, 306 E. 4th ..... Waterloo
Carson Bros., 923 West 3d St. ..... Waterloo
Nielson, Nicholas, 1111 E. 4th ..... Waterloo
Olympia-Constantinople Greek Bakery, Storm Lake
109 Oneida St. ..... Waterloo
Peerless Baking Co. ..... Waterloo
Friedl, Geo. ..... Waverly
Beecroft Bakery ..... Wellsburg
Davis, John E. ..... West Branch
Cornwell, A. M. ..... West Liberty
Morris, C. W. ..... West Liberty
Beam's Baking Co. ..... What Cheer
Whyle, Arthur ..... What Cheer
Roederer, John ..... Wilton
Farlow, Earl ..... Winterset
Larrimer, Albert L. ..... Winterset

BREAD AND OTHER BAKERY PRODUCTS

Includes the following firms who manufacture crackers, cookies, macaroni, etc.

Iowa Biscuit Co., 216 So. 3d ..... Burlington
Sun Manufacturing Co. (macaroni) ..... Council Bluffs
Crescent Macaroni and Cracker Co., 425 Iowa St... Davenport
Independent Baking Co. ..... Davenport
Iowa Macaroni Mfg. Co., 805 S. W. 1st..... Des Moines
National Biscuit Co., 10th & Cherry ..... Des Moines
Dubuque Biscuit Co., 9th & Jackson ..... Dubuque
Johnson Biscuit Co., 5th & Wall ..... Sioux City

BRICK CARRIER (Patented)

Fuller Mfg. Co. ..... Newhall

BRICK AND TILE (CLAY PRODUCTS)

Adel Clay Products Co. ..... Adel
Algona Brick and Tile Works ..... Algona
Rinderknecht Bros. ..... Atkins
Atlantic Building Supply Co. ..... Atlantic
Auburn Brick & Tile Co. ..... Auburn
Audubon Clay Products Co., Inc. ..... Audubon
Humboldt Gravel & Tile Co. ..... Bancroft
Barnes City Brick & Tile Co. ..... Barnes City
Batavia Brick & Tile Co. ..... Batavia
Buckeye Clay Products Co. ..... Belle Plaine

Firms by Industrial Classification.	Location
Brick and Tile—Continued.	
Bellevue Pottery, The	Bellevue
Boone Brick, Tile & Paving Co.	Boone
Boone Clay Works Co.	Boone
Davenport Brick & Tile Co.	Buffalo
Carlisle Clay Products Co.	Carlisle
Centerville Brick Co.	Centerville
Johnson Bros. Clay Works	Clayworks
Clermont Brick & Tile Co.	Clermont
Wickham Bros., 19 Scott St.	Council Bluffs
Marshall, C. A.	Cresco
Tramp Brothers (Creston Brick and Tile Co.	Creston
Davenport Brick & Tile Co., 209 West 4th (factory located at Buffalo, Iowa)	Davenport
Deep River Brick and Tile Co.	Deep River
Capital Clay Co., 307 Hippee Building	Des Moines
Des Moines Brick & Tile Co. New York Ave. & River	Des Moines
Des Moines Clay Co., 514 Hubbell Bldg.	Des Moines
Flint Brick Co., End Flint Valley	Des Moines
Goodwin Tile and Brick Co., S. E. 18th & Hartford	Des Moines
Iowa Pipe & Tile Co., E. 4th & Haynes	Des Moines
Maine, Jas. & Co., E. 21st & Maury	Des Moines
Star Brick Yards, 22nd & Shaw Sts.	Des Moines
De Soto Brick & Tile Works	De Soto
Brown & Churchill	De Witt
Beutin, Frank, 501 Garfield Ave.	Dubuque
Heim, John L. & Son, 3242 Couler Ave.	Dubuque
Dysart Brick & Tile Co.	Dysart
Eldon Dry Press Brick Co.	Eldon
Eldora Pipe & Tile Co.	Eldora
Farmington Tile & Brick Factory	Farmington
Bradshaw & Company, 17th near limits	Fort Dodge
Ft. Dodge Brick & Tile Co., End of 1st	Fort Dodge
Hawkeye Clay Works	Fort Dodge
Kalo Brick & Tile Co., 526½ Central Ave.	Fort Dodge
Lehigh Sewer Pipe & Tile Co., 200-204 1st National Bank Building	Fort Dodge
Plymouth Clay Products, 211 1st Natl. Bank Bldg.	Fort Dodge
Vincent Clay Products Co., 612 1st Natl. Bank Bldg.	Fort Dodge
Reichelt, Julius, 2 miles N. E.	Fort Madison
McHose Sand & Tile Co.	Fraser
Garrison Brick & Tile Works	Garrison
Gethmann Brick Co.	Gladbrook
Gladbrook Pressed Brick & Tile Co.	Gladbrook
Glendon Brick & Tile Co.	Glendon
Graettinger Tile Works	Graettinger
Grinnell Clay Products Co.	Grinnell
Harper Brick & Tile Works	Harper
Hedrick Tile Works	Hedrick
Goss, Fred, 1026 N. Dodge	Iowa City
Kalona Clay Co.	Kalona
Iowa Clay Products Co.	Keota
Keswick Brick & Tile Co.	Keswick
Crystal Spring Clay Products Mfg. Co., Inc.	Kimballton
Knox Clay Products Co.	Knoxville
Martin, Wm. E. & Sons, Inc.	Le Claire
Lehigh Sewer Pipe & Tile Co.	Lehigh

Firms by Industrial Classification.	Location
Brick and Tile—Continued.	
Linn Grove Brick & Tile Co.	Linn Grove
Livermore Brick & Tile Works	Livermore
Newby, C. H.	Lynnville
Becker, Geo.	Maquoketa
Farmers' & Merchants' Brick & Tile Co., 307 Anson St.	Marshalltown
Sieg Brick & Tile Co.	Marshalltown
Smith, C. E., 1721 Summit	Marshalltown
American Brick & Tile Co.	Mason City
Mason City Brick & Tile Co., West Huntley & Horton	Mason City
Mason City Clay Works, W. Huntley and Horton	Mason City
Mason City Drain Tile Co., West Huntley and Horton	Mason City
Mason City Sewer Pipe Co., W. Huntley and Horton	Mason City
National Clay Works, 1 mile W. of Court House	Mason City
North Iowa Brick & Tile Co., ¾ mile West of Court House	Mason City
Turner, J. F., Silo Co.	Maxwell
Johnson Bros.	Mediapolis
Glendon Brick & Tile Co., (R. F. D.)	Menlo
Monticello Clay Works	Monticello
Mt. Pleasant Brick & Tile Mfg. Co.	Mt. Pleasant
Stark, Charles, 1200 Oak	Muscatine
Nevada Brick & Tile Works (S. M. McHose)	Nevada
Cecil Bros.	New Sharon
Engle Tile & Fuel Co.	Newton
Smith, E. J. & Son	North English
Trojovsky, Mose	Norway
Standard Clay Products Co.	Oskaloosa
Morey Clay Products Co., Fairview Ave.	Ottumwa
Ostdeik Brick Works, E. City Limits	Ottumwa
Steigleder, S. F. & Son	Packwood
Postville Clay Products Co.	Postville
Redfield Brick & Tile Works	Redfield
Gethmann Brick & Tile Co.	Reinbeck
Iowa Clay Products Co.	Richland
Rockford Brick & Tile Co.	Rockford
Ballou Brick Co.	Sergeant Bluff
Sheffield Brick & Tile Co.	Sheffield
Sheffield Tile Co.	Sheffield
Smith Brick & Tile Co.	Sheffield
Lake and Cotrill Brick & Tile Co.	Shenandoah
Green, Tom Brick Co., 4200 Correctionville Road	Sioux City
Sioux City Brick & Tile Works, 9 West 3d St.	Sioux City
Sioux Rapids Drain Tile Works	Sioux Rapids
Storm Lake Brick & Tile Works	Storm Lake
Tama Brick & Tile Co.	Tama
Tiffin Tile Co.	Tiffin
Tipton Brick & Tile Works	Tipton
Toledo Brick & Tile Co.	Toledo
Platt Company	Van Meter
Aikley Brick & Tile Works (Vinton Tile and Brick Co.)	Vinton
Washington Brick & Tile Works	Washington
Art Novelty Pottery (Wm. Raab, Prop.), 203 Utica St.	Waterloo
Waterloo Granite Brick Co., La Porte & R. I. Tracks	Waterloo

Firms by Industrial Classification. . Location

Brick and Tile—Continued.

National Sewer Pipe Co. ..... Webster City
Therm-A-Jug Co., (Mfr. jugs) ..... Webster City
Iowa Clay Products Co. ..... Wellman
Nicholson, Grant G. ..... What Cheer
What Cheer Clay Products Co. ..... What Cheer
Pierce, J. E. ..... Winfield
Winterset Brick & Tile Plant ..... Winterset
Dallas County Clay Co. ..... Woodward

BRICK AND TILE includes the following firms making **CLAY POTTERY AND JUGS**

The Bellevue Pottery ..... Bellevue
Art Novelty Pottery (Wm. Raab, Prop.), 203 Utica St. ..... Waterloo
Therm-A-Jug Co. ..... Webster City

BROOMS, DUSTERS, WHISKS, ETC.

Canny Broom Co., 1141 Agency St. ..... Burlington
Cedar Falls Broom Co. ..... Cedar Falls
Pelton Broom Co., 9th Ave. & N. St. W. ..... Cedar Rapids
Curtis, John H. & Son ..... Chariton
Electric Broom Works, 220 De Witt ..... Clinton
Paddock Broom Co. (Not inc.) 114 North 2nd .... Clinton
Conway Broom Factory ..... Conway
Council Bluffs Broom Co., 29th St. & 2nd Ave. .... Council Bluffs
Davenport Broom Co., 2049 W. 5th St. ..... Davenport
Lee Broom & Duster Co., 415 Ainsworth St. ..... Davenport
Standard Broom Works, 2415 Farnam St. ..... Davenport
Capital City Broom Co., 1532 Walker St. ..... Des Moines
Carlson Bros. Broom Co., R. F. D. No. 2 ..... Des Moines
Des Moines Broom Co., 2021 E. Grand ..... Des Moines
Harrah & Stewart Mfg. Co., 514-520 E. Court ..... Des Moines
Demkier Bros. ..... Dubuque
Harper Brush Works ..... Fairfield
Forest City Broom Factory ..... Forest City
Mallette, C. D. ..... Garden Grove
Ward, Barney ..... Ida Grove
Hughes, Ralph H. ..... Indianola
Bauer Bros., Governor & Jefferson Sts. ..... Iowa City
Hoag Duster Co. ..... Monticello
Jemison, C. A. & Sons ..... Montrose
Metzger, Harry (Muscatine Broom Factory) 804 Colver ..... Muscatine
Pearl City Broom Factory, 511 E. 5th ..... Muscatine
Fuller, Sherwood ..... New London
Chasen Broom Co., 1709 E. 5th ..... Sioux City
Iowa Broom Works, 1520 E. 7th ..... Sioux City
Sioux City Broom Works, 800 West 7th ..... Sioux City

BUTCHER SUPPLIES AND FIXTURES

Percival, C. L. Co., 11th & Cherry Sts. ..... Des Moines

BUTTER, CHEESE AND CONDENSED MILK

Butter

Ackley Creamery Co. ..... Ackley
Adair Co-op. Creamery Assn. ..... Adair
Farmers Co-op. Creamery Co. ..... Afton
Alden Co-op Creamery Co. ..... Alden
Farmers Creamery Co. ..... Alexander
Algona Co-op. Creamery Co. ..... Algona
Plum Creek Co-op. Creamery Co. ..... Algona

Firms by Industrial Classification.	Location
Butter—Continued.	
Farmers Co-op. Creamery Co.	Allison
Alpha Farmers Creamery Co., 4½ miles from Waucoma, Iowa	Alpha
Alta Vista Creamery Assn.	Alta Vista
Amber Co-op. Creamery	Amber
Iowa State College Creamery	Ames
Logsdon's Dairy	Ames
Anamosa Farmers' Creamery Co.	Anamosa
Buck Grove Creamery Co.	Aplington
Archer Creamery Co.	Archer
Farmers' Creamery Co.	Arlington
Ashton Creamery Co.	Ashton
Sharon Creamery Co.	Audubon
White Rose Creamery	Austinville
Silver Lake Creamery Co.	Ayrshire
Balltown Farmers Co-op. Creamery	Balltown (Rural delivery from Waupeton, Iowa)
Bancroft Co-op. Creamery Co.	Bancroft
Bedford Creamery Co.	Bedford
Farmers' Creamery Co.	Belle Plaine
Bellevue Creamery Co.	Bellevue
Farmers' Co-op. Creamery Co.	Belmond
Golden Star Creamery	Bennett
Benson Dairy Co.	Benson (Rural delivery from Cedar Falls, Iowa)
Bode Creamery Co.	Bode
Farmers' Co-op. Creamery Co.	Boyden
Farmers' Co-op. Creamery Co.	Breda
Bremer Creamery Co.	Bremer
Britt Creamery Assn.	Britt
Brooklyn Creamery Co.	Brooklyn
Buffalo Center Co-op. Creamery Co.	Buffalo Center
Burlington Creamery Co.	Burlington
Burlington Sanitary Milk Co.	Burlington
Burr Oak Farmers' Co-op. Creamery Co.	Burr Oak (3½ miles from Prosper, Minn.)
Burt Co-op. Creamery Co.	Burt
Calmar Creamery Co.	Calmar
Manning Creamery Co. (Branch)	Carroll
Selzer Pure Food Products Co.	Carroll
Cascade Co-op. Creamery Co.	Cascade
Casey Creamery Co.	Casey
Cedar Falls Creamery Co.	Cedar Falls
Blue Valley Creamery Co., 400-4 9th Ave.	Cedar Rapids
Farmers' Creamery Co.	Center Junction
Henderson, P. G. & Son	Central City
Valley Farmers' Creamery Co.	Central City
Charles City Creamery Co.	Charles City
Charlotte Creamery Co.	Charlotte
Farmers' Co-op. Creamery Assn.	Chester
Calhoun Creamery Co.	Church (7 miles from Lansing, Iowa)
Clarksville Creamery	Clarksville
Farmers Mutual Co-op. Creamery Co.	Clear Lake
Sawyer, J. E., Creamery	Clear Lake
Minerva Valley Creamery Co.	Clemons
Clermont Valley Creamery Co.	Clermont
Cleves Creamery Co.	Cleves
Linn County Farmers Co-op. Creamery Assn.	Coggon

Firms by Industrial Classification.	Location
Butter—Continued.	
Colesburg Creamery Co.	Colesburg (8 miles from Osterdock, Iowa)
Niles Creamery Co.	Colwell, (Rural delivery from Charles City, Iowa)
Hamilton Co-op. Creamery Co.	Coulter
Cresco Creamery Co.	Cresco
Farmers' Creamery Co.	Cresco
Saude Farmers' Co-op. Creamery Assn.	Cresco
Schley Creamery Co.	Cresco
Crystal Lake Creamery Co.	Crystal Lake
Fairville Creamery Co., 8 miles N. E.	Cylinder
Barr Dairy Co., 518 Brady St.	Davenport
Pioneer Creamery Co.	Davenport
Tri-City Butter Co.	Davenport
Ice Cave Creamery	Decorah
Pleasant Co-op. Creamery Co.	Decorah
Dedham Creamery	Dedham
Hazelgreen Creamery, 6 miles east of Ryan, Ia.	Delhi
Silver Spring Creamery Co.	Delhi
Mt. Vernon Creamery Co., 1½ miles west of Crossing No. 10, W. C. F. & N. Ry.	Denver
Beatrice Creamery Co., 101 West 2nd St.	Des Moines
Des Moines Creamery Co., 109 S. W. 3d	Des Moines
Des Moines Milk Co., 510 2nd St.	Des Moines
Ellingson, E. M., 112-116 Locust	Des Moines
Farmers' Co-op. Produce Co., 9th & Elm	Des Moines
Morlac Dairy	Des Moines
Farmers' Co-op. Creamery Assn.	Dexter
Farmers' Creamery Co.	Dickens
Fredsville Creamery Co., 4 miles N. E.	Dike
Dougherty Co-op. Creamery Co.	Dougherty
Farmers' Creamery Co.	Dows
Ferguson Mfg. Co., 62 S. Main St.	Dubuque
Dumont Creamery	Dumont
Produce Milk Co.	Dunkerton
Durant Farmers' Creamery Assn.	Durant
Bear Grove Creamery	Dyersville
Golden Star Creamery	Dyersville
Earlville Creamery	Earlville
Edgewood Farmers' Co-op. Creamery	Edgewood
Hatch, F. H., Co., Creamery	Edgewood
Elgin Farmers' Dairy Co.	Elgin
Crown Brand Creamery	Elkader
West Hamlin Creamery	Elkhorn
Des Moines Creamery Co.	Ellston
Ellsworth Creamery Co.	Ellsworth
Maple Leaf Creamery Co.	Elma
Elma Co-op. Creamery Co.	Elma
Emmetsburg Creamery Co.	Emmetsburg
Audubon Township Creamery, 6 miles East	Exira
Exira Creamery Co.	Exira
Farmers Co-op. Creamery Co.	Fairbank
Hawkeye Creamery Co.	Farley
Hickory Valley Creamery Co.	Farley
Fayette Mutual Creamery Assn.	Fayette
Fenton Creamery Co.	Fenton
Fertile Co-op. Dairy Co.	Fertile
Festina Co-op. Creamery Co.	Festina
Jackson, Thomas (Butter dealer)	Fonda

Firms by Industrial Classification.	Location
Butter—Continued.	
Forest City Co-op. Creamery Co.	Forest City
Gold Star Creamery Co.	Ft. Dodge
Ft. Madison Creamery Co.	Ft. Madison
Fredericksburg Butter Factory	Fredericksburg
Frederika Creamery Assn.	Frederika (8 miles N. W. of Tripoli, nearest shipping point.)
Garber Farmers' Co-op. Creamery Co.	Garber
Garnavillo Creamery Co.	Garnavillo
Farmers' Co-op. Creamery Co.	Garner
Goldfield Farmers' Co-op. Creamery Co.	Goldfield
Farmers' Creamery Co.	Graettinger
Lost Island Creamery Co., 6 miles S. W.	Graettinger
Farmers' Creamery	Grafton
Greeley Farmers' Co-op. Creamery Co.	Greeley
Farmers' Co-op. Creamery Co.	Greene
Greenfield Creamery Co.	Greenfield
Greenville Creamery Co.	Greenville
Farmers' Creamery & Produce Co.	Guthrie Center
Halbur Creamery	Halbur
Swift & Company	Hampton
Hanlontown Creamery Co.	Hanlontown
Hartley Creamery Co.	Hartley
Hawarden Creamery Co.	Hawarden
Hawkeye Co-op. Creamery Co.	Hawkeye
Hazelton Farmers' Co-op. Creamery Co.	Hazelton
Bidne & Akre (Highland Creamery Co.)	Highlandville (14 miles N. E. of Decorah, nearest shipping point)
Holy Cross Creamery Co.	Holy Cross (7 miles south of N. Buena Vista)
Hopkinton Creamery Assn.	Hopkinton
Hubbard Co-op. Creamery Co.	Hubbard
Hudson Co-op. Dairy Assn.	Hudson
Farmers' Co-op. Creamery Assn.	Hull
Huxley Farmers' Co-op. Creamery Co.	Huxley
Farmers' Co-op. Creamery Assn.	Inwood
Farmers' Creamery Assn.	Ionia
Iowa Falls Creamery	Iowa Falls
Janesville Creamery Assn.	Janesville
Jerico Creamery Assn.	Jerico (Route 1, from New Hampton, Iowa)
Jesup Creamery Co.	Jesup
Joice Creamery Co.	Joice
Kanawha Farmers' Mutual Co-op. Creamery Co.	Kanawha
Kensett Creamery Co.	Kensett
Tenold Creamery Assn.	Kensett
Sanitary Dairy Products Co., 319 Main	Keokuk
Blue Valley Creamery	Kimballton
Nelson Bros.' Crystal Spring Creamery Co.	Kimballton
Klemme Co-op. Creamery Co.	Klemme
Lake Mills Creamery Co.	Lake Mills
Lake Park Co-op. Creamery Co.	Lake Park
Germania Co-op. Creamery Co.	Lakota
Lamont Farmers Creamery Co.	Lamont
Farmers' Clover Leaf Creamery Co., Rural route No. 1	Lamotte
Hoffman Creamery Co.	Lamotte
Langdon Mutual Co-op. Creamery	Langdon

Butter—Continued.

Fosse, C. A.	La Porte City
Latimer Co-op. Creamery Co.	Latimer
Lawler Creamery Assn.	Lawler
Ledyard Co-op. Creamery	Ledyard
Leland Co-op. Creamery Co.	Leland
Le Mars Creamery Co.	Le Mars
Little Cedar Creamery Co.	Little Cedar
Farmers' Co-op. Creamery Co.	Little Port
Lone Rock Creamery Co.	Lone Rock
Lotts Creek Co-op. Creamery, 6 miles S. W.	Lone Rock
Lowden Co-op. Creamery Co.	Lowden
Luana Farmers Co-op. Creamery Co.	Luana
Globe Creamery	Luxemberg (Route 1 from New Vienna, Iowa)
Hillman Creamery Co.	Lytton
McCallsburg Farmers Creamery Co.	McCallsburg
Mallard Butter & Cheese Assn.	Mallard
Manchester Co-op. Creamery Co.	Manchester
Farmers Creamery	Manly
Bork Creamery	Manson
Farmers Union Co-op. Creamery	Maquoketa
Hansen Produce Co.	Maquoketa
Romine, W. D.	Maquoketa
Marengo Creamery Co.	Marengo
Masonville Co-op. Creamery Co.	Masonville
Massillon Co-op. Creamery Assn.	Massillon
Harlan Farmers Mutual Co-op. Creamery	Maynard
Melvin Creamery	Melvin
Menlo Creamery Co.	Menlo
Milford Farmers Butter & Cheese Assn.	Milford
Millville Creamery Co.	Millville (Rural delivery from Turkey River, Iowa)
Monmouth Creamery	Monmouth
Union Farmers Creamery Co.	Monona
Farmers Mutual Creamery Co.	Monticello
Farmers Creamery Co.	Nashua
New Albin Co-op. Creamery	New Albin
Farmers Creamery & Produce Co.	Newell
Model Creamery Co.	Newhall
New Hampton Farmers Creamery Assn.	New Hampton
Williamstown Creamery Assn.	New Hampton (6½ mi. S.)
New Hartford Mutual Co-op. Creamery Co.	New Hartford
Dairyland Dairy Co.	Newton
New Vienna Central Creamery	New Vienna
Nordness Creamery Co.	Nordness (Rural delivery from Decorah, Iowa)
Farmers Butter & Cheese Assn.	Northwood
Hartland Creamery Co., 9 mi. N. W., Route 3	Northwood
Farmers Co-op. Creamery Co.	Oelwein
Oran Creamery Co.	Oran
Farmers Mutual Co-op. Creamery Assn.	Orange City
New Haven Creamery Co., 8 mi. East	Osage
Osage Co-op. Creamery Co.	Osage
Farmers Co-op. Dairy, 306 High Ave., W.	Oskaloosa
Love and Gasperi Creamery	Oskaloosa
Oskaloosa Creamery (Keota Produce Co.)	Oskaloosa
Silver Springs Creamery Co.	Ossian
Farmers Creamery Co.	Osterdock
Wacousta Creamery Co.	Ottosen

Firms by Industrial Classification.	Location
Butter—Continued.	
Buxton, F. G., Creamery Co., 117 N. Green	Ottumwa
Graham & Garretson, 627 West 2d	Ottumwa
Yorkshire Creamery Co., Iowa & Hayne	Ottumwa
Owasa Co-op. Creamery Co.	Owasa
Palmer Creamery Co.	Palmer
Panora Co-op. Creamery Co.	Panora
Albion Co-op. Creamery Co., 8 mi. N. E.	Parkersburg
Fern Creamery Co.	Parkersburg
Mellinger, J. & Son	Plainfield
Western Douglas Creamery Co.	Plainfield
Plymouth Creamery Co.	Plymouth
Pocahontas Creamery Co.	Pocahontas
Pomeroy Creamery Co.	Pomeroy
Farmers Co-op. Creamery Co.	Popejoy
Farmers Co-op. Creamery Co.	Postville
Lundhigh, Chris	Prescott
Preston Creamery Assn.	Preston
Springbrook Creameries	Preston
Farmers Co-op. Creamery Co.	Protivin (10 mi. from Jackson, Iowa)
Arctic Springs Creamery	Quandahl (10 mi. from Spring Grove, Minn.)
Concord Co-op. Creamery Co.	Radcliffe
Lincoln Co-op. Creamery Co.	Rake
Farmers Creamery Co.	Randall
Knittel Creamery Co., Route 1	Readlyn
Readlyn Co-op. Creamery Co.	Readlyn
Blue and Raftery, 203-205 Coolbaugh St.	Red Oak
Saratoga Co-op. Creamery Assn., Route 3	Riceville
Fosse, O. A.	Ridgeway
Lincoln Creamery Co.	Ridgeway
Ringsted Co-op. Creamery	Ringsted
Rockford Co-op. Dairy Assn.	Rockford
Rock Valley Creamery	Rock Valley
Rockwell Co-op. Creamery Co.	Rockwell
Rodman Creamery Co.	Rodman
Roland Farmers Creamery Co.	Roland
Royal Creamery Co.	Royal
Farmers Co-op. Creamery Co.	Ruthven
Farmers Creamery Co.	Ryan
Sac City Creamery Co.	Sac City
Farmers Co-op. Creamery	St. Ansgar
Rock Creek Creamery Assn.	St. Ansgar
St. Donatus Creamery Co.	St. Donatus (4½ mi. S. W. of Gordon's Ferry, the nearest shipping point)
Farmers Co-op. Creamery Co.	St. Lucas (5 mi. east of Waucoma, Iowa)
Farmersburg and St. Olaf Co-op. Creamery Co.	St. Olaf
Sandspring Co-op. Creamery Co.	Sandspring
Saratoga Co-op. Creamery Assn.	Saratoga
Scarville Creamery Assn.	Scarville
Vinje Creamery Assn.	Scarville
Sheffield Creamery Co.	Sheffield
Jefferson Creamery Co., 9 mi. west	Shell Rock
Shell Rock Creamery Assn.	Shell Rock
Sherrill Mutual Co-op. Creamery	Sherrill
Griffin, Geo. M., Creamery Co.	Sigourney
Hall Produce Co.	Sigourney

Firms by Industrial Classification.	Location
Butter—Continued.	
Farmers Mutual Co-op. Creamery Co.	Sioux Center
Blue Valley Creamery Co., 213 Pearl	Sioux City
Nicholson Pasteurized Dairy Co., 2810 Center	Sioux City
Roberts Sanitary Dairy Co., The	Sioux City
Farmers Co-op. Creamery Co.	Slater
Cedar Creek Creamery Co.	Somers
Springville Creamery Co.	Springville
Stacyville Creamery Co.	Stacyville
State Center Farmers Creamery Assn.	State Center
Steamboat Rock Creamery	Steamboat Rock
Waterloo Creamery Co.	Storm Lake
Rosendale Co-op. Creamery Co., Rural del., 6 mi. W. 1¼ mi. N.	Story City
Story City Farmers Co-op. Creamery Assn.	Story City
Beaver Center Creamery	Stout
Strawberry Point Farmers Creamery Assn.	Strawberry Point
Center Valley Creamery Co.	Butter
Climax Creamery Co., Route 6	Sumner
Excelsior Creamery Co., 6 mi. N. W.	Sumner
Little Valley Creamery, 6 mi. South	Sumner
Olds, E. B. Creamery, 4 mi. South	Sumner
Richfield Creamery Co.	Sumner
Spring Fountain Creamery Co., 5 mi. S. W.	Sumner
Sumner Creamery Co.	Sumner
Sutherland Creamery Co.	Sutherland
Swea City Co-op. Creamery Co.	Swea City
Neil, Joseph H., Creamery Co.	Tama
Templeton Creamery Co.	Templeton
Thompson Co-op. Creamery Co.	Thompson
Thor Creamery Co.	Thor
Thornton Creamery Co.	Thornton
Farmers' Co-op. Creamery Co. (Send mail to Manchester, Iowa)	Thorpe
Tipton Creamery	Tipton
Titonka Co-op. Creamery Co.	Titonka
Farmers Co-op. Creamery Co.	Toronto
Traer Creamery Co.	Traer
Fremont Co-op. Creamery Co., 3½ mi. S. E.	Tripoli
Potters Siding Co-op. Creamery Co., 3 mi. West	Tripoli
Siegel Co-op. Creamery, 6 mi. N. W.	Tripoli
Tripoli Co-op. Creamery Co.	Tripoli
Ventura Farmers Creamery Co.	Ventura
Tyler Bros.	Villisca
Vinton Creamery Co.	Vinton
Volga Co-op. Creamery Co.	Volga
Riverside Creamery Co.	Wadena
Walker Creamery Co.	Walker
Farmers Creamery Co.	Wallingford
Cedar Valley Creamery	Waterloo
Orange Creamery Co., Rural Del. No. 1	Waterloo
Farmers Co-op. Creamery Co.	Waterville
Waucoma Farmers Co-op. Creamery Co.	Waucoma
Farmers Co-op. Creamery Co.	Waukon
Mohawk Condensed Milk Co.	Waverly
Washington Co-op. Creamery, Rural route 5, 3½ mi. East	Waverly
Webb Creamery	Webb
Ellingson, Mathre & Co.	Webster City
West Bend Co-op. Creamery Co.	West Bend

Firms by Industrial Classification. Location

Butter—Continued.

West Branch Creamery ..... West Branch
German Creamery Co., 4 mi. N. E. ..... Westgate
Westgate Creamery Co. ..... Westgate
West Liberty Co-op. Creamery ..... West Liberty
West Union Farmers Creamery Co. ..... West Union
Farmers Co-op. Creamery Assn. ..... Wheatland
Whittemore Farmers Creamery Co. ..... Whittemore
Williamsburg Creamery Co. ..... Williamsburg
Winthrop Creamery ..... Winthrop
Farmers Creamery Co. ..... Woden
Worthington Creamery Co. ..... Worthington
Zearing Creamery Co. ..... Zearing
Hague, H. S. ..... Zwingle

BUTTER, CHEESE AND CONDENSED MILK—
Both Butter and Ice Cream, Ice

Kregen, W. H., Companies ..... Albia
Alta Creamery ..... Alta
Alton Creamery Co. ..... Alton
Sherman Dairy ..... Ames
Peerless Ice Cream & Butter Co. ..... Boone
Sanitary Dairy Co., 132 E. Ave. W. ..... Cedar Rapids
Strickler Creamery Co. ..... Centerville
Douglas Ice Cream Co. ..... Chariton
Cherokee Creamery & Bottling Works (Goeb Bros.) Cherokee
Clarion Creamery Co. ..... Clarion
Jensen's Creamery ..... Coon Rapids
Bloomer Cold Storage Co., 4th St. & 12th Ave..... Council Bluffs
Mac & Mac Cream Co. ..... Council Bluffs
Bell-Jones Co., 1225 West 2d Ave. ..... Davenport
Lagomarcino-Grupe Co., 109 S. Brady ..... Davenport
Denver Creamery Co. ..... Denver
Flynn Dairy Co., 7th & University ..... Des Moines
Clinton County Central Creamery Co. ..... De Witt
Beatrice Creamery Co., 7th & Iowa Sts. ..... Dubuque
Iowa Dairy Co., 2141 Couler Ave. ..... Dubuque
Sanitary Milk Co., 345 8th St. ..... Dubuque
Robertson Creamery Co. ..... Dunlap
Ft. Dodge Creamery Co., 1st Ave. & 1st ..... Ft. Dodge
George Creamery Co. ..... George
Gladbrook Creamery Co. (Grady Produce Co.) .. Gladbrook
Glenwood Creamery Co. ..... Glenwood
Gowrie Co-op. Creamery Co. ..... Gowrie
Maplehurst Dairy Co. ..... Grinnell
Harlan Ice & Cold Storage Co. ..... Harlan
Holstein Co-op. Creamery Co. ..... Holstein
Farmers Mutual Creamery Co. ..... Hospers
Humboldt Creamery Co. ..... Humboldt
Wapsie Valley Creamery Co. ..... Independence
Iowa City Produce Co., 1032 E. Washington .... Iowa City
Brunner Bros. ..... Jefferson
Hinn, John G. (Laurens Creamery) ..... Laurens
Star Creamery Co. ..... Long Grove
Northern Iowa Produce Co. ..... McGregor
Manning Creamery Co. ..... Manning
Jackson Dairy Co., 322 Nevada ..... Marshalltown
Campbell, Ralph C. ..... Mt. Pleasant
Nora Springs Creamery & Produce Co. ..... Nora Springs
Iowa Creamery Co. ..... Oxford Junction

Firms by Industrial Classification.	Location
Butter and Ice Cream—Continued.	
Parkersburg Ice Cream Co. (The Community Creamery)	Parkersburg
Pella Creamery	Pella
Sheldon Creamery Co.	Sheldon
Fairmont Creamery	Sioux City
Hanford Prouce Co., Court, N. W. corner 1st St.	Sioux City
Northwest Ice Cream Co.	Spencer
Blue Grass Creamery Co.	Stockport
Storm Lake Produce Co.	Storm Lake
Farmers Co-op. Creamery Co.	Stratford
Producers Milk Co., 926 Sycamore	Waterloo
Montgomery, E.	Williamsburg

BUTTER, CHEESE AND CONDENSED MILK—
Butter, Poultry and Produce
(Poultry and Produce also has separate classification.)

Ashton Creamery	Ashton
Swift and Company	Atlantic
Bayard Co-op. Creamery Co.	Bayard
Bedford Produce Co.	Bedford
Swift & Co.	Centerville
Swift & Co.	Clarinda
Clarion Produce Co.	Clarion
Swift & Co., 109 5th Ave.	Clinton
Nickles & Son	Corydon
Swift & Company	Creston
Nicholson Ice & Produce Co.	Denison
Swift & Company	Des Moines
Swift & Co., 200 So. Locust	Dubuque
Eldora Creamery Co.	Eldora
Whelan Produce Co.	Elma
Loomis, A. R. & Son	Ft. Dodge
Nicholson, G. W., Co.	Grand Junction
Humphrey, J. L., Jr.	Humeston
Old Colony Creamery	Humeston
Independence Produce Co.	Independence
Shannon, J. A. & Son	Iowa Falls
Swift & Company	Iowa Falls
Swift & Company, 4th & Exchange	Keokuk
Baird, A. & Co.	Lohrville
Manning Produce Co.	Manning
Higley, E. B. & Co., 409 So. Federal Ave.	Mason City
Valley Poultry Co.	Missouri Valley
Younkin Produce Co.	Missouri Valley
Swift & Company	Muscatine
Newton Produce Co.	Newton
Swift & Company, 219 S. Union	Ottumwa
Iowa Creamery Co.	Oxford Junction
Rock Rapids Creamery Co.	Rock Rapids
Johannes & Sellers Produce Co.	Sibley
Spencer Dairy Produce Co.	Spencer
Western Packing Co.	Spirit Lake
Swift & Company	Stuart
Reisman, S. E., Produce Co.	What Cheer

BUTTER, CHEESE AND CONDENSED MILK—
Cheese

Dorchester Cheese Factory	Dorchester (Rural delivery from Spring Grove, Minn.)

Firms by Industrial Classification.	Location
Butter-Cheese—Continued.	
Elkport Cheese & Cream Co.	Elkport
English Bench Cheese Factory (Send mail to R. H. Murphy, Waukon, Iowa)	English Bench
Frankville Cheese Factory	Frankville (Rural delivery from Postville, Iowa)
Harpers Ferry Cheese Factory (Send mail to R. H. Murphy, Waukon, Iowa)	Harpers Ferry
Lenox Cheese Factory	Lenox
Mallard Butter & Cheese Assn.	Mallard
Union Cheese Co., 7 E. Nevada St.	Marshalltown
Milford Farmers Butter & Cheese Assn.	Milford
Nevada Cheese Co.	Nevada
Farmers Butter & Cheese Assn.	Northwood
Norwalk Cheese Factory	Norwalk
Pioneer Cheese Factory, Route 2	Renwick
Jamestown Cheese Factory	Riceville
Rossville Cheese Factory	Rossville (Rural delivery from Waukon, Iowa)
Tyler, Bros.	Villisca
Volney Cheese Factory	Volney (rural delivery from Monona, Iowa)
Cherry Mound Cheese Factory	Waukon (rural 20 mi. So.)
Forest Mills Cheese Factory	Waukon (rural 9 mi. So.)
French Creek Cheese Factory	Waukon (rural 7 mi. No.)
Hanover Cheese Factory No. 1	Waukon (rural 9 mi. No.)
Hanover Cheese Factory No. 2	Waukon (rural 8 mi. No.)
Village Creek Cheese Factory	Waukon (rural 6 mi. No.)
Condensed Milk	
Sanitary Dairy Co., 132 E Ave. W.	Cedar Rapids
Perry Packing Co. (condensed milk)	Perry
Powdered Milk Factory	Waukon
Mohawk Condensed Milk Co.	Waverly
BUTTONS, PEARL AND BLANKS	
Bellevue Pearl Button Blanks	Bellevue
Bald Brothers	Buffalo
Hawkeye Pearl Button Co.	Buffalo
Mississippi Pearl Button Co., 102 Columbia	Burlington
Holmes and Son	Camanche
Hugunin, Chas.	Camanche
Pioneer Pearl Button Co., 110 So. Front (L)	Clinton
McKee-Bliven Button Co.	Columbus Junction
Davenport Pearl Button Co., 1235 W. 5th St.	Davenport
Tri-City Button Co., 1833 West 2d St.	Davenport
Ft. Madison Button Co.	Ft. Madison
Montgomery Pearl Button Co.	Guttenberg
U. S. Button Co.	Guttenberg
Jensen, Julius	Hoprig (Rural, 7 mi. from Ringsted, Iowa)
Hawkeye Pearl Button Co., Ft. of Cedar	Keokuk
Lansing Button Company	Lansing
Clark, Frank C.	Le Claire
Van Hein, Martin	Le Claire
Hawkeye Button Co.	Montrose
American Pearl Button Co.	Mt. Pleasant
Automatic Button Co., 303 Mulberry	Muscatine
Block Button Co., 407 Benham Ave.	Muscatine
Crow, R. J., Button Co.	Muscatine
Hanover Pearl Button Co., 415 Liberty St.	Muscatine

Firms by Industrial Classification. Location

Buttons, Pearl—Continued.

Hawkeye Pearl Button Co., 209 Orange ..... Muscatine
Hirsch, Leo. H. & Co., 4th & Spring ..... Muscatine
Iowa Pearl Button Co. ..... Muscatine
Jamison Button Factory ..... Muscatine
Lewis, Harvey J., Button Co. ..... Muscatine
McKee & Bliven, 100 Hershey ..... Muscatine
Pennant Pearl Button Mfg. Co. ..... Muscatine
Schmaltz, C. F., 511 Bismark ..... Muscatine
Schreurs Button Co. ..... Muscatine
South Muscatine Button Co., Dewey Ave. ..... Muscatine
Star Button Co. ..... Muscatine
Techmiller Button Co. ..... Muscatine
United States Pearl Button Co., 3d & Oak ..... Muscatine
Weber & Sons Button Co., 1008-14 E. 6th ..... Muscatine
Yarck Bros., 504 Bismark St. ..... Muscatine
Sabula Pearl Button Co. ..... Sabula
Iowa Pearl Button Co. ..... Wapello
American Pearl Button Co. ..... Washington

BUTTON MACHINERY

Barry Mfg. Co., 901 E. 4th ..... Muscatine
O'Keefe, Wm. Engineering Co., 206 Mulberry Ave.. Muscatine

CALENDARS, FANS, ETC. FOR ADVERTISING
(See Signs and Adv. Novelties.)

Lutz, Conrad & Son, 133 So. 3d ..... Burlington
Bankers & Merchants Calendar Corp., 514 8th St... Des Moines
Kenyon Co., The, 305 Grand Ave. ..... Des Moines
Athens Print Shop ..... Iowa City
Economy Advertising Co., 224 E. Washington St... Iowa City
Iowa Printing Co. ..... Iowa City
Ottumwa Stamp Works, 217 E. Main ..... Ottumwa
Murphy, Thomas D. Co., 110 So. 2d St. ..... Red Oak
McCleery, Hugh H. ..... Washington
Crescent Calendar Co. ..... Wyoming

CANDY PULLERS

Thompson Mfg. Co., 210 2d St. ..... Des Moines

CANNING MACHINERY

Vance and Baker Mfg. Co., 803 E. 2d ..... Muscatine

CANNING AND PRESERVING
(Also see Vinegar and Pickles.)

Ackley Canning Factory ..... Ackley
Altoona Canning Co. ..... Altoona
Ames Canning Co. ..... Ames
Atlantic Canning Co. ..... Atlantic
Audubon Canning Co. ..... Audubon
Belle Plaine Canning Co. ..... Belle Plaine
Brighton Canning Co. ..... Brighton
Burlington Vinegar & Pickle Works ..... Burlington
Cambridge Packing Co. ..... Cambridge
Cedar Falls Canning Co. ..... Cedar Falls
Cedar Rapids Canning Co., 314 2d Ave. ..... Cedar Rapids
Center Point Canning Factory ..... Center Point
Clarksville Canning Co. ..... Clarksville
Zeigler Canning Co. ..... Columbus Junction
Growers' Canning Co., 1202 3d St. ..... Council Bluffs
Davenport Vinegar & Pickling Works, Hobson & Rolff Sts. ..... Davenport

Firms by Industrial Classification.	Location
Canning and Preserving—Continued.	
Hewitt, Chas. & Sons Co., Factory Dept., canning etc.	Des Moines
Dexter-Farmer Canning Co.	Dexter
Waterloo Canning Co.	Dyersville
Waterloo Canning Co.	Dysart
Elgin Canning Co.	Elgin
Farmington Canning Co.	Farmington
Farmington Vinegar & Pickle Works	Farmington
Virden Canning Co.	Forest City
Burlington Pickle Co., 220 Spruce	Ft. Madison
Ft. Madison Canning Co.	Ft. Madison
Iowa Canning Co.	Garrison
Gilman Canning Co.	Gilman
Glenwood Canning & Food Producing Co.	Glenwood
Grimes Canning & Preserving Co.	Grimes
Grinnell Canning Co.	Grinnell
Grundy Canning Co.	Grundy Center
Guttenberg Canning Co.	Guttenberg
Otoe Food Products Co.	Hamburg
Riverside Canning Co.	Hamburg
Hampton-Kelley Canning Co.	Hampton
Merrill Canning Co.	Harlan
Independence Canning Corporation	Independence
Iowa City Canning Co.	Iowa City
Keokuk Canning Co., 700-730 Johnson	Keokuk
National Pickle & Canning Co., 1st & Johnson	Keokuk
Keosauqua Pickle Co.	Keosauqua
Lake Mills Canning Co.	Lake Mills
Iowa Canning Co.	La Porte City
Iowa Valley Canning Co.	Marengo
Western Grocer Mills (Canning Dept.)	Marshalltown
Marshall Canning Co.	Marshalltown
Monticello Canning Co.	Monticello
Denmire, L. E., R. F. D. No. 1	Montrose
Mt. Pleasant Canning Co.	Mt. Pleasant
Heinz, H. J. & Co., West end Monroe	Muscatine
Zeigler Canning & Preserving Co., 1056 Hershey Ave.	Muscatine
Anderson Bros. Canning Co., 10th Ave. & Market	Oskaloosa
Pella Canning Co.	Pella
Grimes-Perry Canning Co.	Perry
Red Oak Canning Co., W. Coolbaugh St.	Red Oak
Rockwell City Canning Co.	Rockwell City
Western Grocer Mills Canning Factory	Roland
Sac City Canning Co.	Sac City
Denmire, L. E.	Sandusky (Rural from Montrose, Iowa)
Iowa Canning Co.	Shellsburg
Sac City Canning Co.	Storm Lake
Story-Farmer Canning Co.	Story City
Tipton-Farmer Canning Co.	Tipton
Weir Canning Co.	Toledo
Tripoli Canning Association	Tripoli
Dexter-Farmer Canning Co.	Van Horn
Iowa Canning Co.	Vinton
Vinton Canning Co.	Vinton
Baxter Bros. Co.	Wapello
Waterloo Canning Co., 213 Lafayette	Waterloo
Kelley Canning Co.	Waverly

Firms by Industrial Classification. Location

CANVAS FIRE ESCAPES

Clark Roller Awning Co., 220-248 Iowa St. .....Dubuque

CARBON REMOVER

Ryan-Eastman Co., 139 N. 1st W. .....Cedar Rapids

CARPETS AND RUGS

Northrup, Cynthia .....Anamosa
Empire Rug Co., 810 Jefferson .....Burlington
Hepner Rug & Renovating Works, 1020 2d Ave. West .....Cedar Rapids
Cherokee Rug Works .....Cherokee
Clarinda Rug Works .....Clarinda
Brennan's Rug Works .....Clinton
Clinton Rug Co., 405 N. 2d .....Clinton
Council Bluffs Carpet Cleaning Co., 1635 Broadway .....Council Bluffs
Economy Rug Co., 720 Harrison St. .....Davenport
Reliable Rug Factory, 840 12th St.....Des Moines
Iowa City Rug & Carpet Works .....Iowa City
Shirk, J. C. .....Iowa Falls
Sigmund Bros., 27 & 29 Main St. .....Keokuk
Mason City Rug Co., 231-233½ S. Main .....Mason City
Patton Rug & Mattress Factory .....Mason City
Ottumwa Rug Works, 633 West 2d .....Ottumwa

CARRIAGES, WAGONS AND MATERIALS
(Including hayracks, buggy shafts, etc.)

Boone Carriage Works .....Boone
Wiese, John C. (Burlington Top Co.) .....Burlington
Wuellner, F. & Son, 6th & Washington .....Burlington
Miller Wagon Co. .....Calmar
Viking Pump Co. .....Cedar Falls
Beck-Hawkeye Motor Truck Works, 605-610 6th Ave. W. .....Cedar Rapids
Hall Mfg. Co. (vehicle tongues) .....Cedar Rapids
Parlor City Carriage Works, N. 2d & 1st Ave. W...Cedar Rapids
Schrieber Carriage Mfg. Co. .....Chariton
Burnham Mfg. Co. .....Charles City
Martens Bros. .....Charles City
Sylvester, C. A. .....Charles City
Paulson & Jensen .....Clear Lake
Peterson-Bell & Co., 200 Franklin Ave. .....Clinton
Standard Mfg. Co., 2411 W. Broadway .....Council Bluffs
Cresco Novelty Works (hayracks) .....Cresco
Pinkerton, John M. .....Creston
Fries Bros., 1817 Harrison St. .....Davenport
Kratzer Carriage Co., 100 S. W. 1st .....Des Moines
Lagerquist Carriage & Auto Co., 514-522 Second (carriages, auto tops, wheels, etc.) .....Des Moines
Matthews Truck Body Co., 118-22 E. 5th and Market Sts. .....Des Moines
Porter-Tidrick Co., 8th & Chestnut .....Des Moines
Shaver Carriage Co., 310 E. 3d St. .....Des Moines
Bock, George, 2197 Couler Ave. .....Dubuque
Butt Bros., 645 Iowa .....Dubuque
Cooper, A. A., Wagon & Buggy Co., 299 Main St...Dubuque
Ernsdorff, John Iron Co., Main & Jones (wagon boxes, bobs, bolster springs) .....Dubuque
Schloz & Son, 1246 Clay .....Dubuque

Firms by Industrial Classification. Location

Carriages, Wagons, Etc.—Continued.

Goetzinger, Nic. & Sons Co. ..... Dyersville
Schaller, Adam & Son ..... Earlville
Lund, John ..... Early
Turney, Joel & Co. ..... Fairfield
Peterson, John ..... Graettinger
Spaulding Mfg. Co. (carriages, autos) ..... Grinnell
Scharf Brothers (hayracks, wagon boxes) ..... Griswold
Ely and Warrington ..... Guthrie Center
Heboldsheimer, J. S. ..... Guttenberg
Matson, I. J., Co. ..... Jefferson
Corey, Geo. & Son (hayracks) ..... Lake City
Pech, Gus Foundry & Mfg. Co. (bob sleighs) .... Le Mars
Mills-Ellsworth Co., Bank & Commercial Alley (buggy shafts, poles, plow handles, trucks, wood work) ..... Keokuk
Wustrow, August C., 5th & Exchange ..... Keokuk
Dultmeier Mfg. Co. (wagon tongues, hayracks, tractor hitches, wagon hounds) ..... Manning
Radeleff Mfg. Co. ..... Manning
Burny, J. E. & G. D., 115 E. State St. ..... Marshalltown
Giesler & Company (wagon brakes and wagon hardware) ..... Muscatine
Mundt, J. Herman, 414 E. 3d ..... Muscatine
Tegeler, A. ..... Nashua
Madson, Hans Sons ..... Northwood
Muller Co., The (hayracks) ..... Osage
Hoffman, Fred G. ..... Osceola
Lindsay Mfg. Co., 501 Hancock (neckyokes and single trees) ..... Ottumwa
Renz, John, Church & Myrtle Sts. ..... Ottumwa
Buerkens Mfg. Co. ..... Pella
Ellis, J. P. ..... Postville
Hecker, R. F. & Sons ..... Postville
Dunlap, A. B. ..... Quasqueton
Swanson, Herman ..... Schaller
Schloz, Henry & Sons ..... Sherrill
Spoerre, Edward ..... Sherrill
Wilson, Frank T., 613½ Water St. ..... Sioux City
Johnson & Amlund ..... Sioux City
Keeler, Benjamin W. ..... Stuart
Connolly, Arthur, 713 Jefferson ..... Waterloo
Jerald Sulky Co., 64 Webster ..... Waterloo

CARS (Steel Freight) CAR FRAMES, CAR WHEELS, Etc.

The Bettendorf Co. (Frt. cars, frames) ..... Bettendorf
Hercules Mfg. Co. (Mine car wheels, etc.) ..... Centerville
Griffin Wheel Co. (Railroad car wheels) ..... Council Bluffs
French & Hecht, 4th & Farnam (Steel wagon, implement and truck wheels) ..... Davenport

CAR AND LOCOMOTIVE REPAIRS AND CONSTRUCTION

Chicago & North Western Ry. Shops ..... Ames
Chicago, Milwaukee & St. Paul Ry. Shops ..... Atkins
Atlantic Northern Railway Shops ..... Atlantic
Chicago & North Western Ry. Shops ..... Belle Plaine
Chicago & North Western Ry. Shops ..... Boone

Firms by Industrial Classification.	Location
Car and Locomotive Repair Shops—Continued.	
Ft. Dodge, Des Moines & Southern Ry. Shops	Boone
Chicago, Burlington & Quincy Shops	Burlington
Chicago & North Western Ry. Shops	Carroll
Chicago & North Western Ry. Shops	Cedar Rapids
Chicago, Milwaukee & St. Paul Ry. Shops	Cedar Rapids
Chicago, Rock Island and Pacific Shops	Cedar Rapids
Chicago, Burlington & Quincy Shops	Centerville
Illinois Central Railway Shops	Cherokee
Chicago & North Western Ry. Shops	Clinton
Chicago Great Western Ry. Shops	Clarion
Chicago & North Western Ry. Shops	Council Bluffs
Chicago, Burlington & Quincy Shops	Council Bluffs
Chicago Great Western Ry. Shops	Council Bluffs
Chicago, Milwaukee & St. Paul Ry. Shops	Council Bluffs
Illinois Central Railway Shops	Council Bluffs
Union Pacific Ry. Shops	Council Bluffs
Wabash Railway Shops	Council Bluffs
Chicago, Burlington & Quincy Shops	Creston
Tri-City Railway Car Shops	Davenport
Chicago & North Western Ry. Shops	Des Moines
Chicago Great Western Ry. Shops	Des Moines
Chicago, Milwaukee & St. Paul Ry. Shops	Davenport
Des Moines City Railway Co. Shops	Des Moines
Des Moines Union Railway Shops	Des Moines
Chicago, Milwaukee & St. Paul Ry. Shops	Dubuque
Illinois Central Railway Shops	Dubuque
Chicago & North Western Ry. Shops	Eagle Grove
Chicago, Rock Island and Pacific Shops	Estherville
Illinois Central Railway Shops	Ft. Dodge
Minneapolis & St. Louis Ry. Shops	Ft. Dodge
Atchinson, Topeka & Santa Fe Shops	Ft. Madison
Minneapolis & St. Louis Ry. Shops	Grinnell
Chicago & North Western Ry. Shops	Hawarden
Chicago, Rock Island and Pacific Shops	Iowa Falls
Chicago & North Western Ry. Shops	Lake City
Chicago, Milwaukee & St. Paul Ry. Shops	Manilla
Chicago, Rock Island and Pacific Shops	Manly
Chicago, Milwaukee & St. Paul Ry. Shops	Marion
Minneapolis & St. Louis Ry. Shops	Marshalltown
Chicago, Milwaukee & St. Paul Ry. Shops	Mason City
Chicago & North Western Ry. Shops	Mason City
Mason City & Clear Lake Ry. Shops	Mason City
Chicago & North Western Ry. Shops	Missouri Valley
Chicago, Milwaukee & St. Paul Ry. Shops	Marquette
Chicago Great Western Ry. Shops	Oelwein
Minneapolis & St. Louis Ry. Shops	Oskaloosa
Chicago, Burlington & Quincy Shops	Ottumwa
Chicago, Milwaukee & St. Paul Ry. Shops	Ottumwa
Chicago, Milwaukee & St. Paul Ry. Shops	Perry
Chicago, Milwaukee & St. Paul Ry. Shops	Sanborn
Chicago, Milwaukee & St. Paul Ry. Shops	Sioux City
Chicago, St. Paul, Minn. & Omaha Shops	Sioux City
Great Northern Ry. Shops	Sioux City
Sioux City Service Co., 414 5th (Street car repairs)	Sioux City
Chicago & North Western Ry. Shops	Tama
Chicago, Rock Island and Pacific Shops	Valley Junction
Illinois Central Railway Shops	Waterloo
Chicago, Burlington & Quincy Shops	West Burlington

Firms by Industrial Classification. Location

CASH REGISTERS

Morris Cash & Credit Register Co. .....Council Bluffs

CEMENT

Western States Portland Cement Co.....Davenport
Hawkeye Portland Cement Co. .....Des Moines
Pyramid Portland Cement Co. (office 417 Kraft Bldg.) .....Des Moines
Federal Portland Cement Co. .....Ft. Dodge
Gilmore Portland Cement Corporation .....Gilmore City
Hurst, Alfred Estate (lime) .....Maquoketa
Lehigh Portland Cement Co. .....Mason City
Northwestern States Portland Cement Co. .....Mason City
Young, R. W. .....Paullina

CEMENT BLOCKS, BRICK, TILE, STAVES, VAULTS, ETC. (Cement silo staves also under Silos.)

Big Four Cement Works .....Adair
Alta Concrete Co. .....Alta
Vander Meer, Cornelius .....Alton
Anamosa Cement Products Co. .....Anamosa
Armstrong Cement Works .....Armstrong
Rinderknecht Bros. .....Atkins
Holmes, H. A. .....Aurelia
Stutz Bros. Concrete Works .....Aurelia
Montgomery, Frank .....Bagley
Phelps, H. W. .....Bancroft
Harris, Chas. .....Batavia
Hawkeye Lumber Co. .....Bedford
Ideal Lumber Co. .....Bedford
Taylor County Tile Factory .....Bedford
Ward, S. P. .....Belle Plaine
Belmond Cement Mfg. Co. .....Belmond
O'Connell, T. J. .....Boone
Brayton Cement Works .....Brayton
Strong, Stephen .....Britt
Cement Products Co. .....Buffalo Center
Davenport Brick & Tile Co. .....Buffalo
Bernard-Ellis Lumber Co., 101 So. 4th .....Burlington
Iowa Stave Co. .....Burlington
Vestesen, Chris (West Burlington, Ia.) .....Burlington
Hall, W. H. .....Carroll
Fulkerson, J. C., 631 So. 2d St. .....Cedar Rapids
Kaufman, T. A., 639 A Ave., W. .....Cedar Rapids
King Crown Plaster Co., 98 1st Ave. W. .....Cedar Rapids
Popenhagen, F. M., 1207-15 G Ave. East .....Cedar Rapids
Centerville Gypsum Co. .....Centerville
Hester, C. B. (silo blocks) .....Chariton
C. C. C. Block Co. .....Charles City
Anderson, John .....Clearfield
Friis, Hans, No. 3d St. .....Clinton
Iowa Furniture & Mfg. Co. .....Clinton
Arendsee, A. C. Cement Works .....College Springs
Children, Charles Co., 2925 1st Ave. .....Council Bluffs
Council Bluffs Concrete Co., 825 22d Ave. .....Council Bluffs
Council Bluffs Hydraulic Stone Co., 529 W. Bdwy..Council Bluffs
Brown, A. H. .....Cresco
Moore, Merrill .....Creston
Sash, George .....Creston

Firms by Industrial Classification.	Location
Cement Blocks, Brick, Tile, Etc.—Continued.	
Hoover Lumber Co.	Dallas Center
Cement Products Co., 207 West 4th St.	Davenport
North West Davenport Cement Block Co., 1725 Davie St.	Davenport
Dawson Cement Tile Co.	Dawson
Rollins, F. S.	Denison
Gielan, Otto	Denver
Heideman, J. L.	Denver
Concrete Machine Corporation, 8th & Tuttle	Des Moines
Des Moines Cement & Brick Co., S. W. 16th & G. W. Tracks	Des Moines
Granette Products Co., S. W. 7th & Murphy	Des Moines
Rector Burial Vault Co., E. 8th & Raccoon Sts.	Des Moines
Wilson Concrete Co., 310 S. E. 9th	Des Moines
Ardama, Charley	Doon
Dows Tile & Cement Co.	Dows
Peer-Amid Cement Stone Co., 1300 Clay St.	Dubuque
Dunkerton Cement Works	Dunkerton
Banks, Wm.	Durant
Burmeister, C. H.	Durant
John Schacht	Durant
Dysart Cement Block Co.	Dysart
Blake & Campbell	Eagle Grove
McIntyre, V.	Eagle Grove
Ellsworth, F. L.	Eldora
Elgin Cement Works	Elgin
McMullen, J. Wm.	Emerson
Shadbolt & Middleton	Emmetsburg
Cement Products Co.	Estherville
Fairfield Cement Block Co.	Fairfield
Kearns, C. H.	Fairfield
Farmers' Lumber Co. (cement blocks)	Farnhamville
Forest City Cement Products Co.	Forest City
Iowa Hydraulic Stone Co., 17 So. 8th	Ft. Dodge
Merrill, Horace	Garner
Truesdale, John, Cement Plant	Glidden
McHose Sand & Tile Co.	Gowrie
Modern Construction Co.	Grand Junction
Koehn & Company	Greene
Royalty, Geo., Cement Block Co.	Greene
Starkwether & Company	Greene
Sheldon Cement Block Factory	Greenfield
Iowa Concrete Products Co.	Grinnell
Swinehart, C. R.	Harlan
Coy, W. H.	Hazelton
Kenny & Son	Hawarden
Holland Cement Works	Holland
Hospers Cement Tile Co.	Hospers
Humboldt Gravel & Tile Co.	Humboldt
Barnes, Mert	Ida Grove
Independence Cement Tile Co.	Independence
Iowa Cement Block Works, Court & Front Sts.	Iowa City
Jefferson Cement Products Co.	Jefferson
Kalvig Cement Works	Kanawha
Wert, R. L.	Kellogg
Keystone Cement Plant	Keystone
Jensen Construction Co.	Kimballton
Page, E. L. & Co. (silo staves)	Kingsley

Firms by Industrial Classification. Location

Cement Blocks, Brick, Tile, Etc.—Continued.

Lake City Concrete Works ..... Lake City
Lake City Marble, Granite & Vault Works..... Lake City
Lake View Concrete Tile Co. ..... Lake View
Cement Products Co. ..... Lanesboro
La Porte City Cement Works ..... La Porte City
Martin, Wm. E., & Sons, Inc. ..... Le Claire
Moore, M. A., Co. ..... Le Mars
Leon Cement & Brick Co. ..... Leon
Steiglieder, S. F. & Sons ..... Linby
Deakins, H. B. ..... Logan
Sprinkle, J. E. ..... Logan
Madrid Cement Silo Mfg. Co. ..... Madrid
Delaware County Cement Stave Silo Co..... Manchester
Jewell, Wm. ..... Manchester
Bell, H. T. ..... Marengo
Bowdish, J. C. Co. ..... Marion
Webb, J. F. ..... Marion
Marshalltown Cement Products, 811 Woodbury.... Marshalltown
Mattson-Coburn Cement Block Factory ..... Marshalltown
Cement Products Co., 118 So. Washington..... Mason City
Mieras, J. M. ..... Maurice
Biegel, Geo. ..... Missouri Valley
De Hoet, G. A. ..... Monroe
Munson, L. T. ..... Monroe
Youkum, John ..... Monroe
Bell, Cornelius M., 828 E. 2nd ..... Muscatine
Olson, Peter, 519 E. 6th ..... Muscatine
Zeidler Concrete Pipe Co. ..... Muscatine
Nevada Cement Post Factory ..... Nevada
Newell Cement Tile Co. ..... Newell
Johnson Bros. Cement Works ..... New Hampton
Osage Cement Products Co. ..... Osage
Caldwell Silo Co., So. 7th St. ..... Oskaloosa
Carlon Construction Co., 9th Ave. & 7th ..... Oskaloosa
Caster, G. W., 215 So. McLean ..... Ottumwa
Oxford Cement Tile & Block Co. ..... Oxford Junction
Jones Cement Works ..... Perry
Klingensmith, E. L. ..... Pierson
Stearns, R. E. ..... Pierson
Orcutt Bros. ..... Plainfield
Walker, Perry ..... Pleasantville
Pomeroy Cement Products Co. ..... Pomeroy
Palas, John F. ..... Postville
McKlveen, J. H. & Co. ..... Prairie City
Boedeker, Fred ..... Readlyn
B. & J. Concrete Products Co., Inc. ..... Red Oak
Red Oak Cement Works, W. 1st & Q. Tracks ..... Red Oak
Wilson Concrete Co., 323-A Reed St. ..... Red Oak
Pettengill, V. H. ..... Rock Rapids
Dykstra & Company ..... Rock Valley
Rock Valley Cement Block & Tile Works..... Rock Valley
Rockwell City Cement Works ..... Rockwell City
Cement Block & Silo Co. ..... Sac City
Cement Products Co. ..... Sac City
United States Keystone Silo Co. ..... Sheffield
Eclipse Lumber Co. ..... Shell Rock
Sibley Cement Co. ..... Sibley
Sioux Center Cement Works ..... Sioux Center
Eureka Cement Co., 100 Myrtle ..... Sioux City

Firms by Industrial Classification. Location

Cement Blocks, Brick, Tile, Etc.—Continued.

Hyro-Stone Products, 2300 Third St. ..... Sioux City
Sioux City Concrete Pipe Co., 208 Iowa ..... Sioux City
Cement Products Co. ..... Spencer
Nelson, A. P. (Spencer Cement Block Works) .... Spencer
Martz, E. ..... Storm Lake
Redenbaugh, D. V. ..... Storm Lake
Schoner. W. J. ..... Storm Lake
Story City Cement Products Co. ..... Story City
Tama Brick & Tile Co. ..... Tama
Cement Products Co. ..... Turin
Dircks, A. W. ..... Van Horn
Bowman Bros. ..... Victor
Wood, Thomas ..... Vinton
Larsen, Jens ..... Walnut
Minick, T. & Sons ..... Washington
Wolary, Wilbur W. ..... Washington
Cement Products Co., Water & Concrete ..... Waterloo
Kretzschmer & Mathias, 1626 Franklin ..... Waterloo
Teeter, Fred, 1917 Lafayette ..... Waterloo
Blain, Geo. ..... Waverly
Gasper, Mike ..... Waverly
Waverly Cement Tile Co. ..... Waverly
Wayland Lumber & Cement Products Co. ..... Wayland
Cement Pipe & Tile Co. ..... Webster City
Giddings, A. E. Co. ..... Wesley
Cement Products Co., Inc. ..... West Liberty
Nicholson, Grant G. ..... What Cheer
Baack, Chas. Cement Block Factory ..... Woden

CEREALS (Oatmeal etc.)
(See Food Preparations.)
National Oats Co., 16th & F Ave. ..... Cedar Rapids
Quaker Oats Co., C Ave. & 3d St. ..... Cedar Rapids
Purity Oats Co., Foot of Pine ..... Davenport
Quaker Oats Co., Foot of Central Ave. ..... Ft. Dodge
Purity Oats Co., 26 So. Water ..... Keokuk
Germ-O-Wheat Mills, 611 Church St. ..... Ottumwa
Pella Cereal & Feed Mill ..... Pella
Washington Oats Co. ..... Riverside
Alfalfa & Cereal Milling Co. ..... Sioux City

CHECK WRITERS
National Check Writer Mfg. Co. ..... Webster City

CHIROPRACTIC TABLES
Chiropractic Supply Co., 526 Brady St. ..... Davenport
Davenport Pattern & Machine Works,
828½ 2nd St. ..... Davenport
Griffin, A. A. ..... Davenport
Ideal Mfg. Co. ..... Davenport

CIGAR LIGHTERS
Davenport Mfg. Co., Inc. ..... Bettendorf

CIGARS, see **TOBACCO**

CLOTHING, MEN'S (Including overalls and jumpers, shirts, underwear, etc.)
Schramm & Schmieg, 3d & Valley ..... Burlington
Clark-Mac Danel Co., 210 B Ave. ..... Cedar Rapids
Evans Mfg. Co. ..... Cedar Rapids
Welch-Cook Co., 321 So. 3d St. ..... Cedar Rapids

Firms by Industrial Classification. Location

Clothing, Men's—Continued.

Polo Mfg. Co. ..... Clinton
Krause, Robert Co., 825 W. 4th St. ..... Davenport
Steffen, August Mfg. Co., 228½ West 2nd St..... Davenport
Brody, F. & Sons, 312 Court Ave..... Des Moines
Brown, C. P. Mfg. Co., 221 West 3d..... Des Moines
Cownie, J. H., Glove Co., 3d & Vine,
(Fur coats, work coats) ..... Des Moines
Swigert-Howard Mfg. Co., 707 W. Locust ..... Des Moines
Wright, John L., Shirt Factory,
708 Observatory Bldg. ..... Des Moines
Sheuerman Bros., 8th & Vine ..... Des Moines
Glover, H. B., Co., 470 Iowa ..... Dubuque
Rath, David E., Inc., 399 Main St.,
(shirts, pennants, pillows, etc.)..... Dubuque
Rider-Wallis Dry Goods Co., 4th & Locust..... Dubuque
Glover, H. B., Co. ..... Dyersville
Mulroney Mfg. Co., 702 1st Ave. N. ..... Ft. Dodge
Glover, H. B., Co. ..... Guttenberg
Irwin-Phillips Co., 2nd & Main..... Keokuk
Brody, F., & Sons ..... Marshalltown
Waterloo Skirt & Shirt Co. ..... Marshalltown
Muscatine Overall Co. ..... Muscatine
Hanna Mfg. Co., 611-613 So. 1st ..... Oskaloosa
Pella Overall Co. ..... Pella
Baker, H. A., Co., 815-817 4th St. ..... Sioux City
Hicks-Fuller-Pierson Co., 1005-11 4th St..... Sioux City
Morrison Mfg. Co., over 1109½ 5th ..... Sioux City
Tagg Bros.' Shirt Co. ..... Sioux City

CLOTHING, WOMEN'S AND CHILDREN'S

Scheer-Davis Co. ..... Cedar Rapids
White House Garment Co., 213 So. 1st St. W..... Cedar Rapids
Stauber Mfg. Co., 101-103 5th Ave. ..... Clinton
Sheuerman Bros., 8th & Vine..... Des Moines
Jones Bros. Overall Co., 364 Main ..... Dubuque
Greathouse Mfg. Co., 208 W. 2nd St. ..... Muscatine
American Skirt Co., 421 Pearl ..... Sioux City
Sioux City Skirt Co., 416-18 Pierce St. ..... Sioux City
Iowa Skirt Mfg. Co., 214 E. 3d St. ..... Waterloo
Waterloo Skirt & Garment Corp.,
148 S. Barclay ..... Waterloo

COAL UNLOADING MACHINERY

Hawkeye Conveyor Co., 325 2nd Ave. ..... Cedar Rapids

COFFEE AND SPICE, ROASTING AND GRINDING

Blaul's, John, Sons Co., 425 Valley ..... Burlington
Kaupke Coffee Co. ..... Cedar Rapids
Halligan Coffee Co., 402-410 E. 4th ..... Davenport
Tone Brothers, 109-111 Court ..... Des Moines
Jaeger-Kunnert Co., 4th & Iowa ..... Dubuque
McFadden Coffee & Spice Co., 227 1st St..... Dubuque
Hamill, S. Co., Inc. ..... Keokuk
Kellogg-Birge Co., 400 Johnston ..... Keokuk
Western Grocer Mills ..... Marshalltown
Mahon, Samuel Co., 322 W. Main St. ..... Ottumwa
Moore, O. J. Grocer Co., 3d & Pierce ..... Sioux City
Tolerton & Warfield Co., 3d & Nebraska..... Sioux City
Black Hawk Coffee & Spice Co.,
412 Sycamore ..... Waterloo

Firms by Industrial Classification. Location

COFFINS, BURIAL CASES AND UNDERTAKERS' GOODS

Burlington Casket Co. ..... Burlington
Embalming Burial Case Co., 1105 Agency St. ..... Burlington
Bruner Granite Co., (burial vaults) ..... Cedar Rapids
Des Moines Casket Co., 8th & Tuttle ..... Des Moines
Wistrom Casket Co., 567 7th St. ..... Des Moines
Dubuque Casket Co., 18th & Washington ..... Dubuque
Hawkeye Casket Co., 11th & Elm ..... Dubuque
Iowa Coffin Co., 15th & Elm ..... Dubuque
Sioux City Casket Co., 902 5th ..... Sioux City
Meany, J. J., Casket Co., 216½ Western Ave. ..... Waterloo
Miller Mfg. Co. ..... Waverly

CONES, ICE CREAM

The Sugar Bowl ..... Decorah
Americone Co., 119-121 E. Walnut ..... Des Moines
Sioux City Cone & Mfg. Co., 405 W. 7th ..... Sioux City
Waterloo Ice Cream Co., 418-420 E. 6th ..... Waterloo

CONCRETE AND CEMENT MIXING MACHINERY AND CONTRACTOR'S EQUIPMENT

United Mfg. Co. ..... Belmond
Peerless Machine Co. ..... Cedar Falls
Judy Mfg. Co. ..... Centerville
Concrete Machine Corp., 8th & Tuttle ..... Des Moines
Champion Concrete Mixer Co., 130 1st St. ..... Dubuque
Iowa Foundry & Mfg. Co., 1st Ave. N. 21st ..... Ft. Dodge
Royer Mfg. Co. ..... Janesville
American Cement Machine Co., 225 So. 4th ..... Keokuk
Western Mfg. Co., So. 3d & Rock Island ..... Oskaloosa
Parkersburg Mfg. Co. ..... Parkersburg
Anchor Concrete Machinery Co. ..... Rock Rapids
Iowa Foundry Co., West 2nd & Cook ..... Sioux City
Sioux City Engine & Machinery Co.,
860 Division ..... Sioux City
Cement Tile Machinery Co., 124 Rath ..... Waterloo
Stewart Mfg. Co., 124-132 Rath ..... Waterloo
Waterloo Construction Machinery Co.,
Vincent & Glenwood ..... Waterloo

CONFECTIONERY (Including Candy and Ice Cream.)

Candy

Adams, Howard ..... Ames
Washington Candy Kitchen ..... Boone
Clinton-Copeland Co., 100 So. 4th ..... Burlington
Davis Confection Co., 408 Jefferson ..... Burlington
Gardner & Gould Co., 230 So. 3d ..... Burlington
Cedar Rapids Candy Co., 412 A Ave. ..... Cedar Rapids
Harnish, G. H., 325 2nd Ave. ..... Cedar Rapids
Nicoll-Dysart Candy Co., 415 5th Ave. ..... Cedar Rapids
Schall's, Inc., 501 No. 2nd St. ..... Clinton
Walters, R. S. & Co., 137 5th Ave. ..... Clinton
Broadway Candy Shop ..... Council Bluffs
National Alfalfa Products Co. ..... Council Bluffs
Woodward, John G. & Co., 21 N. Broadway ..... Council Bluffs
Halligan Candy Co., 933 West 4th St. ..... Davenport
Kuehl Candy Co., 315½ E. 2nd St. ..... Davenport
Roddewig-Schmidt Candy Co., 328 E. 4th ..... Davenport
Hutchinson Candy Co., 224 2nd ..... Des Moines
Johannsen, M. M. Candy Co., 260 Main ..... Dubuque

Firms by Industrial Classification. Location

Confectionery, Candy—Continued.

Novelty Candy Co., 1715 Clay St. ..... Dubuque
Sheridan, Clem., Candy Mfr., 137 Main..... Dubuque
Loomis-Woodward Candy Co. ..... Ft. Dodge
White House Candy Kitchen ..... Indianola
Wachter, John H., 33 W. Main..... Marshalltown
Chocolate Shop, 123 So. Federal ..... Mason City
Mason City Candy Co., 801 So. Main..... Mason City
Olympia Candy Kitchen ..... Mason City
Junis Candy Kitchen ..... Newton
Townsend, U. S. Candy Co. ..... Newton
Green Candy Co., 112 1st Ave. E. ..... Oskaloosa
Hall, Walter T. & Co., 113-117 E. 3d ..... Ottumwa
Tower-Majors Candy Co., 206 S. Jefferson ..... Ottumwa
Truesdell, C. B. ..... Sac City
Alpha Candy Kitchen, 425 Jackson ..... Sioux City
Olympia Candy Co., 500 Pierce ..... Sioux City
Palmer Candy Co., 209-211 Douglas St. ..... Sioux City
Paramount Confectionery Co., 519 4th ..... Sioux City
Sioux City Candy Co. ..... Sioux City
Fellner Candy Co., 903 Sycamore ..... Waterloo
Langfeldt Candy Co., 501 Bluff ..... Waterloo
West Side Candy Kitchen ..... Waterloo

Candy and Ice Cream, Both

Peterson and Stodgill ..... Albia
Algona Ice Cream & Candy Factory ..... Algona
Paradise Candy & Ice Cream Co. ..... Ames
Princess Candy Co. ..... Ames
Richardson, Fred H., 812 8th St. ..... Boone
Carroll Bakery ..... Carroll
Flatt, J. C. ..... Chariton
Marcucci, E., 612 So. 2nd ..... Clinton
Pollastrini and Giusti
(Revere Candy Kitchen) 220 So. 2nd..... Clinton
Maehr Co., The, 110 West 2nd St..... Davenport
Colvin Candy Co., Shops Building ..... Des Moines
Davidson Bros. Co., 106-110 3d St. ..... Des Moines
Royal Candy Shop, 611 Locust ..... Des Moines
Skondras Candy Co., 313 6th Ave. ..... Des Moines
Staves Bros. ..... Fairfield
Royal Candy Co., 206 E. Main ..... Marshalltown
Soda Grill Inc., 16 So. Federal ..... Mason City
Underwood Candy Co., 214-216 1st Ave. W. ..... Oskaloosa
Celania Bros., 305 E. Main ..... Ottumwa

Ice Cream

Purity Ice Cream Co. ..... Atlantic
Evans, Walter ..... Bedford
Hausknecht, Lionel O., 318 S. Leebrick ..... Burlington
Cedar Rapids Ice Cream Co. ..... Cedar Rapids
Hutchinson Company, 519 H St. W. ..... Cedar Rapids
Rawson Ice Cream Co., 614 3d Ave. ..... Cedar Rapids
Russell Bros. Co., 210 E. Ave. West..... Cedar Rapids
Douglas Ice Cream Co. ..... Centerville
Milani, Gus ..... Centerville
Puritan Ice Cream Co. ..... Charles City
Arbor Ice Cream Co., 111 So. 4th St..... Clinton
Clinton Ice Cream & Artif. Ice. Co., 105 7th Ave... Clinton
Ebensberger, Wm. B., 123-125 4th Ave..... Clinton
Douglass Ice Cream Co. ..... Creston

Firms by Industrial Classification.	Location
Confectionery-Ice Cream—Continued.	
Davenport Ice Cream Co., 211 E. 2nd St.	Davenport
Furnas Ice Cream Co., 612 E. 2nd	Des Moines
Hutchinson Purity Ice Cream Co., 1703 Grand	Des Moines
Banta, A. E.	De Witt
Middleton, Samuel	Eagle Grove
Madison, C. B.	Edgewood
Hartman, R. E.	Fairfield
Elgin Dairy, 315 2nd Ave. So.	Ft. Dodge
Best Ice Cream Co.	Hawarden
Cameron, A. W.	Ida Grove
Sidwell & Son, 15 W. College	Iowa City
Iowa Falls Ice Cream Co.	Iowa Falls
Princess Candy Kitchen	Iowa Falls
Foedel, Sebastian	Knoxville
Bartlett Dairy	Manly
Marion Dairy Co.	Marion
Willard, F. H., 207 S. 3d Ave.	Marshalltown
Lindenhurst Dairy, 115 1st St. S. W.	Mason City
Nevada Ice Cream Factory	Nevada
Neel, Samuel F. Mfg. Co.	Newton
Oelwein Ice Cream Co.	Oelwein
Nelson & Mustard	Onawa
Oskaloosa Artif. Ice & Cold Storage Co.	Oskaloosa
Emery & Company, 226 Commercial	Ottumwa
Graham Ice Cream Co., 120 E. 3d St.	Ottumwa
Green, James	Sigourney
Johnson Biscuit Co., 5th & Wall	Sioux City
Moore, O. J., Grocer Co., 3d & Pierce	Sioux City
Pile Ice Cream Co., 623 Nebraska	Sioux City
Purity Ice Cream Co.	Sioux City
Tama Ice Cream Co.	Tama
Hartman Ice Cream Co.	Washington
Waterloo Ice Cream Co., 418-420 E. 6th	Waterloo
Webster City Dairy Co.	Webster City
Brown, C. E.	What Cheer
Ice Cream and Soft Drinks (For makers of soft drinks, see Mineral and Soda Waters.)	
Cross, L. J. & Co. (Akron Ice Cream Co.)	Akron
Cherokee Creamery & Bottling Works, (Goeb Bros.)	Cherokee
Atkinson, Mrs. Roy (Emmetsburg Ice Cream and Bottling Works)	Emmetsburg
Kelley, E. S.	Farmington
Dairy City Bottling Works	Manchester
Blue and Raftery, 203-205 Coolbaugh St.	Red Oak
Sac City Catering Co.	Sac City
Seymour Bottling Works and Ice Cream Factory	Seymour
Shenandoah Ice Cream & Bottling Co.	Shenandoah
Tyler Bros.	Villisca
Fosselman, Chris A.	Waverly
Ice Cream, Butter and Creamery Products	
Kregen, W. H., Companies	Albia
Alta Creamery	Alta
Alton Creamery Co.	Alton
Sherman Dairy	Ames
Peerless Ice Cream & Butter Co.	Boone
Sanitary Dairy Co., 132 E. Ave. W.	Cedar Rapids

Firms by Industrial Classification. Location

Confectionery-Ice Cream, Etc.—Continued.

Strickler Creamery Co. ..... Centerville
Douglas Ice Cream Co. ..... Chariton
Clarion Creamery Co. ..... Clarion
Jensen's Creamery ..... Coon Rapids
Mac and Mac Cream Co. ..... Council Bluffs
Bell-Jones Co., 1225 W. 2nd Ave. ..... Davenport
Lagomarcino-Grupe Co., 109 So. Brady ..... Davenport
Denver Creamery Co. ..... Denver
Flynn Dairy Co., 7th & University ..... Des Moines
Clinton County Central Creamery Co. ..... De Witt
Beatrice Creamery Co., 7th & Iowa Sts. ..... Dubuque
Iowa Dairy Co., 2141 Couler Ave. ..... Dubuque
Sanitary Milk Co., 345 8th St. ..... Dubuque
Robertson Creamery Co. ..... Dunlap
Ft. Dodge Creamery Co., 1st Ave. & 1st ..... Ft. Dodge
George Creamery Co. ..... George
Gladbrook Creamery Co. (Grady Produce Co.) .... Gladbrook
Glenwood Creamery Co. ..... Glenwood
Gowrie Co-op. Creamery Co. ..... Gowrie
Holstein Co-op. Creamery Co. ..... Holstein
Humboldt Creamery Co. ..... Humboldt
Wapsie Valley Creamery Co. ..... Independence
Iowa City Produce Co., 1032 E. Washington ..... Iowa City
Brunner Bros. ..... Jefferson
Hinn, John G. (Laurens Creamery) ..... Laurens
Star Creamery Co. ..... Long Grove
Northern Iowa Produce Co. ..... McGregor
Manning Creamery Co. ..... Manning
Jackson Dairy Co., 322 Nevada ..... Marshalltown
Higley, E. B. & Co., 409 So. Federal Ave. ..... Mason City
Campbell, Ralph C. ..... Mt. Pleasant
Nora Springs Creamery & Produce Co. ..... Nora Springs
Iowa Creamery Co. ..... Oxford Junction
Parkersburg Ice Cream Co.,
(The Community Creamery) ..... Parkersburg
Pella Creamery ..... Pella
Sheldon Creamery Co. ..... Sheldon
Fairmont Creamery ..... Sioux City
Hanford Produce Co. ..... Sioux City
Sioux Rapids Creamery Co. ..... Sioux Rapids
Northwest Ice Cream Co. ..... Spencer
Western Packing Co. ..... Spirit Lake
Storm Lake Produce Co. ..... Storm Lake
Farmers' Co-op. Creamery Co. ..... Stratford
Tyler Bros. ..... Villisca
Producers Milk Co., 926 Sycamore ..... Waterloo
Montgomery, E. ..... Williamsburg

Ice Cream Cones

The Sugar Bowl ..... Decorah
Americone Co., 119-121 E. Walnut ..... Des Moines
Sioux City Cone Mfg. Co. ..... Sioux City
Waterloo Ice Cream Co. ..... Waterloo

COOPERAGE AND WOODEN GOODS

Weinrich Cooperage Co., Gnahn & Wittaker ..... Burlington
Jaeger, Martin ..... Dyersville
Thompson, S. H., Co. ..... Ft. Dodge
Eberhard, Ed. P., Lumber Co. ..... Guttenberg
Keokuk Barrel Co., Hilton Road ..... Keokuk
Laughlin, Austin ..... Osage

Firms by Industrial Classification.	Location
Cooperage and Wooden Goods—Continued.	
Ottumwa Barrel Co.	Ottumwa
Parkhurst Cooperage Co., 107½ W. 3d	Sioux City
Storm Lake Tank & Silo Co.	Storm Lake
Story City Butter Tub Co.	Story City
Best, W. J.	Villisca
COPPER, TIN AND SHEET-IRON PRODUCTS	
Bridges, A. J.	Bedford
Adix Mfg. Co.	Boone
Northwestern Stamping Co.	Burlington
Bain Bros. Mfg. Co.	Cedar Rapids
Cedar Rapids Boiler Works, 128 B Ave.	Cedar Rapids
Grissel, J. P., Cornice Co., 614 1st St. So.	Cedar Rapids
Sporman Cornice Co., 550 H. Ave. W.	Cedar Rapids
Steel Basket Co., 712 So. 3d St.	Cedar Rapids
Centerville Sheet Metal Works	Centerville
The Cullen Co., 8th Ave. & 1st	Clinton
Parker Bros., 221 So. 3d St.	Clinton
Root, A. I. Co. of Iowa	Council Bluffs
Queen Cupola Mfg. Co.	Cresco
Strayer, L. V.	Cresco
Creston Cornice Works	Creston
Grupe Drier & Boiler Co., 325-331 E. 2nd St.	Davenport
Clark, J. D., Co., 129 2d	Des Moines
Des Moines Silo & Mfg. Co., New York Ave.	Des Moines
Hall Culvert Co., 11th & Market	Des Moines
Hansen Mfg. Co., E. 18th & Raccoon	Des Moines
Iowa Boiler Works, E. 3d & Court	Des Moines
Iowa Pure Iron Co., E. 8th & Elm	Des Moines
National Mfg. Co., 102 S. E. 5th	Des Moines
St. John & Barquist, 418 8th St.	Des Moines
Steel Roofing & Stamping Works, 500 S. W. 2d	Des Moines
Taylor, W. H. (Des Moines Coal Chute Co.) 1326 8th	Des Moines
Whitnell Mfg. Co., 300 S. W. 9th	Des Moines
Brouillet Sheet Metal Works, 271 Iowa	Dubuque
Geisler Bros., 503-509 Locust	Dubuque
Klauer Mfg. Co., 9th & Washington	Dubuque
Marshall, Wm., Steam Boiler Works, 10th & Washington	Dubuque
Morrison Bros., 2489 Elm	Dubuque
Nelson, L. J.	Fairfield
Vold Mfg. Co.	Forest City
Ft. Dodge Cornice & Metal Works	Ft. Dodge
Ft. Dodge Sheet Metal & Boiler Works	Ft. Dodge
Anthes Force Oiler Co., 113 Pine St.	Ft. Madison
Bort Manufacturing Co.	Hopkinton
Independence Corrugated Culvert Co.	Independence
Maresh, William, 521 So. Gilbert	Iowa City
Miller & Sybil	Iowa City
Iowa Falls Sheet Metal Works	Iowa Falls
Seither & Cherry Co., 25 So. 5th	Keokuk
Lynnville Mfg. Co.	Lynnville
Lennox Co.	Marshalltown
Lorensen Bros., 107 N. Center St.	Marshalltown
Easter Mfg. Co.	Marshalltown
Marshalltown Sheet Metal Works	Marshalltown
Metal Products Co.	Mason City

Firms by Industrial Classification. Location

Copper, Tin and Sheet Iron Products—Continued.

Iowa Sheet Metal Products Co. ..... Muscatine
Muscatine Boiler & Sheet Iron Works ..... Muscatine
Central Culvert Co., 518 W. Main St. ..... Ottumwa
Midland Metal Mfg. Co., 1025 W. Mill St. ..... Ottumwa
Mikesh Mfg. Co. ..... Ottumwa
Ottumwa Sheet Metal Works, 326-328 West Main. Ottumwa
Pella Tank & Pipe Co. ..... Pella
Bernard, Phillip Co., 2300 Floyd Ave. ..... Sioux City
Central Cornice Works, 409 Water ..... Sioux City
Incorporated Auto Co., 713-19 Nebraska ..... Sioux City
Inter-State Cornice Co., 1120 4th ..... Sioux City
Iowa Foundry Co., West 2d & Cook ..... Sioux City
Sioux City Sheet Metal Works, 422 Court St..... Sioux City
Sioux City Wire & Iron Works, 502 7th ..... Sioux City
Moore Mfg. Co., Concrete & Water ..... Waterloo
Waterloo Mfg. Co., Commercial & Thompson .... Waterloo
The Monarch Co. ..... Webster City
Nichols, J. C. ..... West Liberty
Whitmer Grave Vault Co..... Wilton
Merillat, P. C. ..... Winfield

CORN SYRUP, CORN OIL, GLUCOSE, ETC.

Penick & Ford (Successors to Douglas Co.) ..... Cedar Rapids
Hubinger, J. C. Bros. Co., 5th & A. ..... Keokuk

CORN GRADERS, SORTERS AND TESTERS, SEED CORN DRIERS

Universal Hoist & Mfg. Co. ..... Cedar Falls
Bain Bros. Mfg. Co..... Cedar Rapids
Root, A. I. Co. of Iowa ..... Council Bluffs
National Mfg. Co., 102 S. E. 5th ..... Des Moines
Vold Mfg. Co. ..... Forest City

CREAM SEPARATORS AND PARTS

Chamberlain Machine Works, 407 Sycamore ..... Waterloo
Iowa Dairy Separator Co., Jefferson and W. Mullan ..... Waterloo

CRUSHERS, CLAY AND ROCK

Cedar Rapids Universal Crusher Co., 211 N. 3d St.. Cedar Rapids
Eagle Iron Works, E. 3d & Court ..... Des Moines

CUPOLAS, CORNICES, CULVERTS
(See Copper, Tin and Sheet-Iron Products.)

CRUSHED STONE AND ROCK

Hale-Roberts Stone Co. ..... Alden
Bettendorf Stone Co. ..... Bettendorf
Dolese Bros. Co. ..... Buffalo
Dorgan-Uhlrich Co. ..... Dubuque
Eagle Point Lime Works ..... Dubuque
Tibey, Edward, 1515 Fremont Ave. ..... Dubuque
Peru Stone & Cement Co. ..... East Peru
Gilmore Portland Cement Corp. ..... Gilmore City
Keokuk Quarry & Construction Co. ..... Keokuk
McManus & Co. ..... Keokuk
Mt. Pleasant Crushed Stone Co. ..... Mt. Pleasant
Waterloo Dredge, The, 1709 River St. ..... Waterloo

Firms by Industrial Classification.	Location
CUTLERY AND TOOLS	
Products mentioned specially	
Alexander Mfg. Co., Ames	Garden tools
Balknap, John A. (Boss Tile Spade Co.) Anamosa	Tile spades
Fleming Garden Tool Mfg. Co., Boone	Combination hoe, rake, etc.
Bredle, James V., 1554 Mt. Vernon Road, Cedar Rapids	Hoes
Cedar Rapids Engineering Co., 902 N. 17th St., Cedar Rapids	Tools, jigs, grinding machines
Hall Mfg. Co., Cedar Rapids	Farm tools, augurs, implements
Harris, A. J. & Son, 613 3d Ave. W., Cedar Rapids	Cutlery
East Davenport Machine Shop, 408-410 Mound St., Davenport	Tools, jigs, patterns, dies, gears, special machinery
Emels Mfg. Co., 217 Iowa St., Davenport	Dies, punches, tools
New Monarch Machine & Stamping Co., 406 S. W. 9th, Des Moines	Dies, tools, steel, silo equipment
American Fork & Hoe Co., 4th & Oliver, Ft. Madison	Farming tools
Pech, Gus, Foundry & Mfg. Co., Le Mars	Well augers, drills, post hole diggers
Cooper Mfg. Co., Inc., 411 So. 1st, Marshalltown	Vices, wrenches, dental machines
Marshalltown Mfg. Co., 110-112 So. 8th, Marshalltown	Shears
Marshalltown Tool & Novelty Co., Marshalltown	Novelties and tools
Marshalltown Trowel Co., 110 So. 8th Ave., Marshalltown	Trowels
American Mining Tool Co., 1102 E. Main, Ottumwa	Mining tools, miners' apparel
Hardsocg Mfg. Co., Ottumwa	Miners' drills and tools
Hardsocg Wonder Drill Co., Ottumwa	Miners' tools, drills
Nicholls Mfg. Co., 401 W. Main St., Ottumwa	Carpenters squares, scrapers, mitre boxes
Osmundson Spade Mfg. Co., Perry	Spades, augers
Thomas, R. N., Shenandoah	Corn huskers
Simonsen Iron Works, Sioux Rapids	Blacksmiths' shears
Litt Cutlery Co., Spencer	Safety razors
Muck Shovel Co., Swea City	Shovels
Pease, H. O., Mfg. Co., Wapello	Glass cutting tool
Chamberlain Machine Works, 407 Sycamore, Waterloo	Cream separator tools
Hawkeye Mfg. Co., 903 Sycamore, Waterloo	Post hole augers, gas machines, etc.
Osmundson Tile Spade Co., Webster City	Tile spades, end gates
What Cheer Tool Co., What Cheer	Miners' tools
DAIRYMEN'S, APIARISTS' AND POULTERERS' SUPPLIES	
Products mentioned	
Spurbeck-Lambert Co., Algona	Creamery supplies
Cherry, J. G. Co., 4th & 10th Ave., Cedar Rapids	Egg case fillers, creamery supplies and equipment
Smith, F. & Son, 1410 6th St., Clinton	Poultry coops, also ladders, ironing boards, etc.
Close to Nature Co., Colfax	Incubators, grain sprouters, sleeping tents

Firms by Industrial Classification.	Location
Dairymen's, Etc., Supplies—Continued.	
Root, A. I., Co. of Iowa, Council Bluffs	Bee keepers' supplies; also tanks, grain bins, corn graders, etc.
Paulsen & Iwen, Denison	Stock feeding devices
Des Moines Incubator Co., E. 2nd & Vine, Des Moines	Incubators
Klondyke Incubator Co., 321 S. W. 9th, Des Moines	Incubators, coops
X-Ray Incubator Co., 1931 Des Moines, Des Moines	Incubators
Atlee, S. & J. Co., Ft. Madison	Packing boxes, chicken coops
Central States Mfg. Co., Grinnell	Sanitary poultry roosts
Hog Trough Mfg. Co., Griswold	Chicken coops, hen nests, also hog troughs, scoop boards
Bort Mfg. Co., Hopkinton	Portable coops, hog feeders, farm necessities
Easter Mfg. Co., Marshalltown	Barnyard equipment
Lennox Co., Marshalltown	Barnyard equipment, feeders, fountains
Lorenzen Bros., 107 N. Center St., Marshalltown	Barnyard equipment
Sharon Mfg. Co., Marshalltown	Poultry equipment
Chamberlain Machine Works, 407 Sycamore, Waterloo	Cream separators, parts, and tools
Iowa Dairy Separator Co., Waterloo	Cream separators
Waterloo Gasoline Engine Co., Waterloo	Cream separators, milkers, manure spreaders, engines
Webster Bros. Mfg. Co., Waucoma	Egg cases, boxes, etc.
DENTAL MACHINES AND SPECIALTIES	
Stempel Dental Specialty Co., 609 Front St.	Fort Madison
Cooper Mfg. Co., Inc., 411 So. 1st	Marshalltown
Sioux City Dental Laboratory Co.	Sioux City
DIES, GEARS, PUNCHES, ETC.	
See Foundry and Machine-Shop Products	
DISC SHARPENERS	
Skow Mfg. Co.	Newton
DISH WASHERS, STEAM TABLES, TRAY CARRIAGES, ETC.	
Redmon, Edgar & Redmon	Cedar Rapids
DITCHING MACHINES, EXCAVATORS	
Sargent Tile Ditcher Co., 1st St. & 7th Ave. North	Ft. Dodge
Economy Excavator Co.	Iowa Falls
Gade, C. L., Mfg. Co.	Iowa Falls
Parsons Mfg. Co., The	Newton
DOUGHNUT MACHINES	
Baum and Scholl, Sycamore & Oak Sts.	Waterloo
DOOR LATCHES	
D. A. D. Latch Co.	Manchester
DUMP CARS AND SCRAPERS, LOADERS	
Lessmann Loader Co., 210 Court Ave.	Des Moines
Weston, Clarence J., Route 5	Ft. Dodge
DYES, AND DYEING	
Dy-O-La Dye Co., 702 6th Ave.	Des Moines
Dubuque Dye Works, 668 Iowa St.	Dubuque

Firms by Industrial Classification. Location

EGG SUBSTITUTE

Dake-Ko Co. ..... Marshalltown

EGG-CASE FILLERS (Also see Dairymen's, Apiarists' and Poulterers' Supplies; Paper and paper products.)

Weis, Henry, 719 Commercial ..... Waterloo
Cherry, J. G., Paper Filler & Egg Case Filler Factory ..... Tama

ELECTRIC LIGHT, HEAT AND POWER

Ackley Light, Heat & Power Co. ..... Ackley
Adel Light & Power Co. ..... Adel
City Light Plant ..... Akron
Albia Light & Railway Co. ..... Albia
Algona Water & Electric Light Works ..... Algona
Alta Electric Light & Water Works ..... Alta
Ames Electric Light Co. ..... Ames
Iowa Electric Co. ..... Anamosa
City Light Plant ..... Anthon
Armstrong Cement Works ..... Armstrong
Ashton Electric Light & Power Co. ..... Ashton
Atlantic Light & Water Dept. ..... Atlantic
Auburn Brick & Tile Co. ..... Auburn
Iowa Light, Heat & Power Co. ..... Audubon
City Electric Light & Water Works ..... Aurelia
Chas. E. Churchill, Electric Light and Power Plant. Battle Creek
Continental Light Co. ..... Bedford
Iowa Railway & Light Co. ..... Belle Plaine
City Electric Light Plant ..... Bellevuè
Ft. Dodge, Des Moines & Southern Electric Plant.. Boone (See Fraser)
Iowa Railway & Light Co. ..... Boone
Britt Light & Power Co. ..... Britt
Irwin, George ..... Cantril
Iowa Light, Heat & Power Co. ..... Carroll
Cascade Electric Light & Power Co. ..... Cascade
Cedar Falls Water & Electric Dept. ..... Cedar Falls
Cedar Rapids & Marion Street Railway ..... Cedar Rapids
Iowa Electric Co., Gen. office in Dows Bldg..... Cedar Rapids
Iowa Falls Electric Co., Gen. office in Dows Bldg.. Cedar Rapids
Iowa Railway & Light Co., Gen. office, Dows Bldg.. Cedar Rapids
Tri-State Utilities Co. ..... Central City
Southern Iowa Electric Co. ..... Chariton
Cedar Valley Electric Co. ..... Charles City
Cherokee Electric Co. ..... Cherokee
Lee Electric Co. ..... Clarinda
Cedar Valley Electric Co. ..... Clarksville
Clear Lake Electric Light & Power Co. ..... Clear Lake
Northeastern Iowa Power Co. ..... Clermont
Louisa County Power Co. ..... Columbus Junction
Iowa Railway & Light Co. ..... Coon Rapids
Corydon Municipal Light Plant ..... Corydon
Cresco Light, Heat & Power Co. ..... Cresco
Creston Mutual Light & Power Co. ..... Creston
Dursts Bros. Light & Power Co. ..... Danbury
Upper Iowa River Power Co. ..... Decorah
Dedham Electric Co. ..... Dedham
Denison Electric Light & Power Co. ..... Denison
Des Moines City Ry. Co. Electric Plant ..... Des Moines
Des Moines Electric Co., Office 800 Locust St..... Des Moines
Iowa Electric Co. ..... De Witt

Firms by Industrial Classification.	Location
Electric Light and Power—Continued.	
Dubuque Electric Co.	Dubuque
Eddyville Electric Light Plant	Eddyville
Eldon Electric Light & Water Works	Eldon
Iowa River Light & Power Co.	Eldora
Elkader Electric Light Co.	Elkader
Consumers Electric Co.	Elma
Northern Iowa Gas & Electricity Co.	Emmetsburg
Municipal Electric Light, Water and Gas Works	Estherville
Iowa Electric Co.	Fairfield
City Electric Light Co.	Farmington
Northern Iowa Gas & Electric Co.	Forest City
Ft. Dodge, Des Moines & Southern Ry. Electric Plant (office at Boone, Iowa)	Fraser
Iowa Falls Electric Co.	Garner
Glidden Electric Light & Power Co.	Glidden
Greene Electric Light & Power Co.	Greene
Greenfield Electric Light Plant	Greenfield
Iowa Light, Heat & Power Co.	Grinnell
Grundy Center Electric Light Co.	Grundy Center
Iowa Electric Co.	Guthrie Center
Cedar Valley Electric Co.	Hampton
Harlan Electric Light Co.	Harlan
Hartley Electric Light & Water Works	Hartley
Hawarden Electric Light & Water Dept.	Hawarden
Holstein Service Co.	Holstein
Stover & Vander Meer	Hospers
Ida Grove Electric Co.	Ida Grove
Independence Electric Light & Water Works	Independence
Indianola Electric Light Station	Indianola
Iowa Falls Electric Co.	Iowa Falls
Ireton Electric Light & Power Co.	Ireton
Henderson Light & Power Co.	Jewell
Keokuk Electric Co.	Keokuk
Mississippi River Power Co.	Keokuk
Keosauqua Electric Light Co.	Keosauqua
Kimballton-Elk Horn Electric Light & Power Co.	Kimballton
Iowa Light, Heat & Power Co.	Kingsley
Marion County Electric Co.	Knoxville
Commonwealth Electric Co.	Lake Mills
Lamoni Electric Co.	Lamoni
Iowa Falls Electric Co.	La Porte City
Iowa Heat, Light & Power Co.	Le Mars
Le Mars City Water & Light Co.	Le Mars
Leon Electric Light Co.	Leon
Peterson Power Co.	Linn Grove
Lorimor Light & Power Co.	Lorimor
Interstate Power Co. of Wisconsin	McGregor
Malvern Light & Power Co.	Malvern
Iowa Electric Co.	Manchester
Iowa Light, Heat & Power Co.	Manning
Manson Light, Heat & Power Co.	Manson
Iowa Electric Co.	Maquoketa
Iowa Railway & Light Co.	Marion
Iowa Light, Heat & Power Co.	Marcus
Iowa Electric Co.	Marengo
Iowa Railway & Light Co.	Marshalltown
Maurice Electric Light & Power Co.	Maurice
Inter-State Power Co.	Monona
Monticello Electric Co.	Monticello

Firms by Industrial Classification.	Location
Electric Light and Power—Continued.	
Iowa Southern Utilities Co.	Mt. Ayr
City Electric Light Plant	Mt. Pleasant
Cedar Valley Electric Co.	Nashua
Iowa Railway & Light Co.	Nevada
New Hampton Electric Light & Water Works	New Hampton
New London Electric Plant	New London
Iowa Falls Electric Co.	Northwood
Fayette County Utilities	Oelwein
Onawa Electric Light Plant & Water Works	Onawa
Osage Electric Light, Heat & Power Co.	Osage
Oskaloosa Traction & Light Co.	Oskaloosa
Ottumwa Railway & Light Co.	Ottumwa
Panora Electric Light Co.	Panora
Cedar Valley Electric Co.	Parkersburg
Pella Electric Light Plant	Pella
Iowa Railway & Light Co.	Perry
Peterson Power & Milling Co.	Peterson
Redfield Power & Milling Co.	Redfield
Red Oak Electric Co.	Red Oak
Iowa Light, Heat & Power Co.	Remsen
Consumers Electric Co.	Riceville
Cedar Valley Electric Co.	Rockford
Municipal Electric Light, Power & Water Works	Rock Rapids
Iowa Light, Heat & Power Co.	Rock Valley
Iowa Light, Heat & Power Co.	Rockwell City
Iowa Light & Power Co.	Sac City
Light & Power Co.	St. Ansgar
Cedar Valley Electric Co.	Sheffield
Iowa Light, Heat & Power Co.	Sheldon
Shenandoah Artif. Ice, Power, Heat and Light Co.	Shenandoah
City Electric Plant	Sibley
Sigourney Electric Co.	Sigourney
Spencer Light & Water Works	Spencer
Northern Iowa Gas & Electric Co.	Spirit Lake
Iowa Light, Heat & Power Co.	Storm Lake
Story City Electric Plant	Story City
Electric Light & Power Co.	Stratford
Municipal Light & Water Works	Strawberry Point
Stuart Electric Light Co.	Stuart
Iowa Railway & Light Co.	Toledo
Traer Municipal Light & Power Plant	Traer
Vinton Water & Electric Light Works	Vinton
Walnut Water Works & Light Plant	Walnut
Peoples Gas & Electric Co.	Wapello
City Water & Light Co.	Washington
Waterloo, Cedar Falls & Northern Ry. Electric Plant	Waterloo
Interstate Power Co.	Waukon
Waverly Light & Power Co. (Municipal)	Waverly
Webster City Light & Water Works	Webster City
Wilton Junction Water & Electric Light Co.	Wilton
Winterset Electric Light Co.	Winterset
ELECTRICITY AND GAS, BOTH	
City of Bloomfield Electric Light Co.	Bloomfield
Peoples Gas & Electric Co.	Burlington
Iowa Southern Utilities Co.	Centerville
Clinton Gas & Electric Co., 501 So. 2d	Clinton
Citizens Gas & Electric Co., 26 Pearl St.	Council Bluffs

Firms by Industrial Classification. Location

Electricity and Gas—Continued.

Creston Gas & Electric Co. ..... Creston
Ft. Dodge Gas & Electric Co., 914 1st Ave. So..... Ft. Dodge
Northern Iowa Gas & Electric Co. ..... Humboldt
Iowa City Light & Power Co., 215 E. Washington. Iowa City
Northern Iowa Gas & Electric Co. ..... Eagle Grove
Municipal Electric Light, Water and Gas Works.. Estherville
Peoples Gas & Electric Co. ..... Mason City
Iowa Service Co. ..... Missouri Valley
Iowa Gas & Electric Light Co. ..... Mt. Pleasant
Newton Electric Light & Power Co. (Municipal).. Newton
Sioux City Gas & Electric Co., 507 Pierce ..... Sioux City
Iowa Gas & Electric Co. ..... Washington
Citizens Gas & Electric Co. ..... Waterloo

ELECTROPLATING

Iowa Silver Plating Works, 211 Perry St. ..... Davenport
Capital City Plating Works, 716 West 15th ..... Des Moines
Des Moines Plating Works, 423 3d St. ..... Des Moines
Ft. Dodge Plating Co. ..... Ft. Dodge

ELEVATORS, FREIGHT, PASSENGER, ETC.

Heinlen-Hine Co., 804-808 Osborn ..... Burlington
Cedar Rapids Universal Crusher Co., 211 N. 3d St.. Cedar Rapids
Kimball Bros. Co., 9th Ave. N. W. Cor. 11th Ave.. Council Bluffs
McInnerney Elevator Co. ..... Council Bluffs

ENGINES OF ALL KINDS, AND VALVES (Also see Foundry and Machine-Shop Products.)

Algona Mfg. Co. ..... Algona
North American Engine Co. ..... Algona
Iowa Marine Engine & Launch Works ..... Bellevue
Davenport Mfg. Co., Inc. ..... Bettendorf
Murray Iron Works, Washington & Central ..... Burlington
Cedar Rapids Universal Crusher Co. ..... Cedar Rapids
American Engine Co. ..... Charles City
Hart-Parr Co. ..... Charles City
Climax Engineering Co. ..... Clinton
Iowa Machine Works, 8th Ave. E. of 2d ..... Clinton
Globe Machine & Supply Co., 205-207 Court Ave. .. Des Moines
Wood Bros. Thresher Co., E. 20th & Washington.. Des Moines
Fairfield Engine Co. ..... Fairfield
Nelson Gas Engine & Auto Co. ..... Harlan
Crabb Gas Engine Co. ..... Independence
Enterprise Engine Co. ..... Independence
Gade Bros. Mfg. Co. ..... Iowa Falls
Gould Balance Valve Co. ..... Kellogg
The Maytag Co. ..... Newton
Ottumwa Boiler Works ..... Ottumwa
Ottumwa Iron Works, 402-420 W. Main ..... Ottumwa
Novelty Mfg. Co., 416 Water ..... Sioux City
Armstrong Mfg. Co. ..... Waterloo
Associated Mfg. Co. ..... Waterloo
Galloway, Wm. Co., Westfield & Ballou..... Waterloo
Iowa Gasoline Engine Co., 207-209 Center ..... Waterloo
Superior Brass Foundry, 82-84 W. 11th ..... Waterloo
Waterloo Gasoline Engine Co. ..... Waterloo

ENGRAVING MACHINES

Inskeep, C. Chambers Co., 222 So. 2d St. ..... Cedar Rapids

Firms by Industrial Classification. Location

ENSILAGE CUTTERS
Gould Balance Valve Co. .....Kellogg

EVENERS
Gross Mfg. Co. .....Carroll
Heider Mfg. Co. .....Carroll

EXPLOSIVES, GUN POWDER, FIRE WORKS
Martin's Fire Works Co. .....Ft. Dodge
DuPont, E. I., DeNemours & Co. .....Keokuk

FEEDERS, FOUNTAINS, ETC.
(See Barnyard Equipment Dairymen's, Apiarists' and Poulterers' Supplies; Hog Furniture)

FERRO SYLICON, FERRO PHOSPHORUS, FERRO CHROME
Keokuk Electro-Metals Co. .....Keokuk

FERTILIZER (Also see Rendering, Slaughtering and Meat Packing.)
La Forge, John T. & Sons, 1000 S. E. 21st .....Des Moines
Frith's Rendering Works .....Dubuque
Washta Rendering Works .....Washta
Coles Rendering Works, 2028 Lafayette .....Waterloo

FLAGS, BANNERS, PENNANTS AND REGALIA.
Tilden Mfg. Co. .....Ames
Carroll Post Card Co. .....Carroll
Rath, David E. Inc., 399 Main St. .....Dubuque
Staats, E. G. & Co., Inc. .....Mt. Pleasant

FLOUR-MILL AD GRIST-MILL PRODUCTS

Flour and Feed
Knickerbocker Roller Mills .....Ackley
Adair Roller Mills .....Adair
Adel Milling Co. .....Adel
Miller Milling Co. .....Akron
Edwards, Moses & Sons (Albia Roller Mills) .....Albia
Elk River Mills .....Almont
Atlantic Mill & Elevator .....Atlantic
Audubon Milling Co. .....Audubon
Centennial Mill Co. .....Avoca
Hager, August .....Baxter
Reiling & Company .....Bellevue
Iowa Valley Roller Mills .....Belmond
Blanchard Mill & Elevator Co. .....Blanchard
Derby Mills Co., 860 Washington .....Burlington
Carroll Roller Mills .....Carroll
Cascade Flour & Saw Mills .....Cascade
Waterloo & Cedar Falls Union Mill Co. .....Cedar Falls
Cereal Products Co., 602 Dewey Ave. .....Cedar Rapids
Jackson Grain & Mill Co. .....Cedar Rapids
Graham & Crawford .....Centerville
Eikenberry & Co. .....Chariton
Cedar Valley Mill Co. .....Charles City
Shambaugh Milling Co. (Clarinda Flouring Mills).Clarinda
Clarion Roller Mills .....Clarion
Struve, John (Model Roller Mill), 901 Main (L)..Clinton
Brown Brothers .....Dakotah
Boetger Rye Mills, 200 S. Howell St. .....Davenport

Firms by Industrial Classification.	Location
Flour and Feed—Continued.	
Davenport Milling Co., Western Ave. and Front St.	Davenport
Tri-City Flour & Feed Co.	Davenport
Western Flour Mill Co., 803 E. River St.	Davenport
Frazier Bros.	Davis City
Bernatz Flouring Mills (Ice Cave and City Roller Mills)	Decorah
Doud Milling Co.	Denison
Beaver Valley Milling Co., 6th & Corning	Des Moines
Bast-Fogarty Milling Co., (Falcon Flour Mills), 1925 E. Grand Ave.	Des Moines
Holdefer, Charles	Donnellson
Eagle Roller Mills	Dubuque
Hammel-Henker Co., 18th & Pine	Dubuque
Merritt Milling Co., Inc.	Dunlap
Durant Roller Mills	Durant
Weibel Mill Co.	Elgin
Schmid Bros. & Co.	Elkader
Essex Roller Mills, Farmers' Co-op. Exchange, Inc.	Essex
Stuckey & Gossick	Fairfield
Foster, Lewis M., owner of Fertile Mills	Fertile
Krebill Bros. Milling Co., 1226 Front	Ft. Madison
Elk Horn Mills & Elevator Co.	Garden Grove
Garner Roller Mills	Garner
City Mills	Greene
City Mills	Guthrie Center
Harlan City Roller Mills	Harlan
Hawarden Electric Mills	Hawarden
Nancolas, C. A. (Hawarden Roller Mills)	Hawarden
Brown Brothers (Roller Mills)	Humboldt
Mundhenk Milling Co. (Roller Mills)	Humboldt
Central Roller Mills	Ida Grove
Wapsipinicon Mill & Flour Co.	Independence
Harp, J. A. (Iowa Falls Roller Mill)	Iowa Falls
Greene County Roller Mill	Jefferson
Kellogg Roller Mills	Kellogg
Dimond Milling Co., 18-22 So. 12th	Keokuk
Pringle, E. C., Hawkeye Mills	Knoxville
Hinn, John G.	Laurens
Morning Star Mills	Lehigh
Plymouth Milling Co.	Le Mars
Lewis Milling Co.	Lewis
Varney, E. C., Milling Co.	Lineville
Lynnville Roller Mill	Lynnville
Madrid Milling Co.	Madrid
Malvern Milling Co.	Malvern
Manilla Mill Co.	Manilla
Doud Milling Co.	Manning
Mitchell, Maskrey & Co.	Maquoketa
Marshalltown Milling Co.	Marshalltown
Johnston-Morehouse Co.	Massena
The Valley Mills	Missouri Valley
Monticello Roller Mills	Monticello
Harris, J. P.	Mystic
New Hampton Roller Mills	New Hampton
Newton Milling Co.	Newton
Montgomery & Tyler Bros., (Adams County Flouring Mill)	Nodaway

Firms by Industrial Classification.	Location
Flour and Feed—Continued.	
Onawa Roller Mills	Onawa
Germ-O-Wheat Mills, 611 Church	Ottumwa
South Ottumwa Roller Mills	Ottumwa
Spry Bros. Grain Co., 307-311 W. Main	Ottumwa
Bloomers, John & Co.	Pella
Pella Cereal & Feed Mill	Pella
Prairie City Milling & Mfg. Co.	Prairie City
Replogle Co., The	Red Oak
Redfield Power & Milling Co.	Redfield
Rounds Milling Co.	Rock Valley
Rolfe Grain & Milling Co.	Rolfe
McCusker Mill	Ryan
St. Ansgar Mills (O. Boening, Prop.)	St. Ansgar
Goldsmith, J. R.	Salem
Farmers' Milling Elevator	Shambaugh
Logan, Scott Milling Co.	Sheldon
Shell Rock Grain & Milling Co.	Shell Rock
Shenandoah Milling Co.	Shenandoah
Trullinger & Redfield Milling Co.	Shenandoah
Sigourney Roller Mills	Sigourney
Sigourney Union Mills	Sigourney
Akron Milling Co., 2nd & Pearl	Sioux City
Martens & Ketels Milling Co.	Sioux City
Mystic Milling Co., 3d & Water	Sioux City
Dillin, C. L.	South English
Bernatz, John	Spillville
Spirit Lake Flour Mill	Spirit Lake
Stanton Milling Co.	Stanton
Union Roller Mills (Reece & Reece)	Union
Richey & Co.	Villisca
Home Milling Co.	Wapello
Waterloo & Cedar Falls Union Mill	Waterloo
Waukon Flour Mill	Waukon
Webster City Mills	Webster City
Wellman Roller Mills	Wellman
West Mitchell Mill Co.	West Mitchell
Walljasper, O. B. (Granite Roller Mills)	West Point
Feed Only	
Ames Grain & Coal Co.	Ames
Acme Feed Co., 520 S. 9th St. W.	Cedar Rapids
New Process Milling Co.	Central City
Herrick, Nathan E.	Delta
Sargent & Ash, E. 20th & Grand	Des Moines
Keota Feed Mill	Keota
McKee Bros.	Letts
Oelberg Bros.	Lima
Dobling, Henry W. (Custom grinding)	Lost Nation
McClintock, Fred W.	Maxwell
Koth, Herman H.	Monona
Hayes, A. D. & Co.	Mt. Pleasant
Nashua Feed Mill (Custom grinding)	Nashua
Deola Milling Co. (Custom grinding)	Nevada
East End Mill, 724 3d Ave. W.	Oskaloosa
Electric Roller Mills	Parkersburg
Perry Mills Co.	Perry
Farmers' Elevator Co.	Rake
Hendrick, J. Y.	Scranton
Little & Co.	Tipton
Hemmings, J. F.	Washington
Peterson, P. G. (City Grist Mill)	West Union

Firms by Industrial Classification.	Location
FOOD PREPARATIONS	**Products mentioned**
Brighton Steam Sorghum Factory, Brighton	Sorghum
National Oats Co., 16th & F Ave., Cedar Rapids	Oatmeal cereals
Penick & Ford, (Successors to Douglas Co.), Cedar Rapids	Starch, corn syrup, corn oil
Quaker Oats Co., C Ave. & 3d St., Cedar Rapids	Oatmeal cereals, feed, food preparations
Bonneman & Zingleman, Clinton	Mustard
Clinton Corn Syrup Refining Co., Clinton	Corn syrup and by-products, sugar refining
Purity Oats Co., Davenport	Oatmeal cereals
Lamona Extract & Mfg. Co., 507 W. 3d, Des Moines	Extracts, syrups
Quaker Oats Co., Ft. Dodge	Oatmeal and cereals
Gladbrook Mustard Factory, Gladbrook	Mustard
Becker, G. E., Janesville (Rural)	Cane sorghum
Hubinger, J. C., Bros. Co., Keokuk	Starch, glucose, corn syrup, corn sugar, corn flour
Purity Oats Co., Keokuk	Oatmeal and cereals
Dake-Ko Co., Marshalltown	Egg substitute
Marshalltown Syrup & Sugar Co., 8th Ave. near Main, Marshalltown	Syrup, sugar, food preparations
Northern Sugar Corporation, Mason City	Beet sugar
Washington Oats Co., Riverside	Oat cereals
Alfalfa & Cereal Milling Co., Sioux City	Cereals
Iowa Sugar Co., Waverly	Beet sugar

For Food Preparations, also refer to Canning and Preserving; Bread and other Bakery Products; Butter, Cheese and Condensed Milk; Confectionery and Ice Cream; Vinegar and Pickles.

FOUNDRY AND MACHINE-SHOP PRODUCTS

Algona Mfg. Co., Algona	Machinery, line shafting, shafting hangers, engine trucks, pulleys, couplings.
North American Engine Co., Algona	Engine factory
Norton and Mayer, Algona	General machine shop
Allen Machine & Blacksmith Shop, Ames	Machine work
Jacobsen Machine Works, Atlantic	Machine work
Shrauger & Johnson, Atlantic	Novelties, barn cupolas, lightning rods
Palmer Bros., Belle Plaine	Foundry and machine shop
United Mfg. Co., Belmond	Concrete machinery, steel fence posts shingle mills, trip hammers
Bettendorf Co., The, Bettendorf	Steel freight cars, car frames
Davenport Mfg. Co., Inc., Bettendorf	Oil engines, paper balers, cigar lighters, rim removers
Zimmerman Steel Co., Bettendorf	Steel and iron castings, stump pullers, wagon scales

Firms by Industrial Classification.	Location
Foundry and Machine Shop Products—Continued.	
Boone Foundry & Machine Works, 9th & Harrison, Boone	Builders' hardware, mine cars, foundry work
Boone Machine Shop, 1026 8th St., Boone	Machine work
Carswell-Hammond Mfg. Co., Boone	Machinery for repairing autos
Thompson, T., Mfg. Co., Brighton	Lightning rods
Heinlen-Hine Co., 804-808 Osborn, Burlington	Fire escapes, elevators, machinery, structural iron work
Murray Iron Works, Burlington	Boilers, tanks, engines, machinery
Cedar Falls Scale Mfg. Co., Cedar Falls	Scales
Diamond Grinder Co., Cedar Falls	Grinders
Iowa Gate Co., Cedar Falls	Steel farm gates; lawn driers
Peerless Machine Co., Cedar Falls	Cement and concrete mixers
Standard Mfg. Co., Cedar Falls	Steel gates
Universal Hoist & Mfg. Co., Cedar Falls	Hoisting machinery; seed corn sorters
Wilcox & Stewart Foundry Co., Cedar Falls	Gray iron castings
Acme Machine Co., 312 N. 2nd St., Cedar Rapids	Machine work
Barnett, Jos. & Co., Cedar Rapids	Lightning rods, fixtures, ornaments, copper cable
Bertschy Engineering Co., N. 16th St., Cedar Rapids	Metal work shapers, lead burning equipment, peerless V belts
Cedar Rapids Engineering Co., 902 N. 17th St., Cedar Rapids	Auto gasoline engine valve grinder; cylinder grinding machine; tools, jigs
Cedar Rapids Foundry & Machine Co., 720 1st Ave. W., Cedar Rapids	Furnaces, power shears, speed governors
Cedar Rapids Universal Crusher Co., 211 N. 3d St., Cedar Rapids	Rock crushers, elevators, gas engines, trucks
Cedar Rapids Welding & Brazing Co., 207 4th Ave., Cedar Rapids	Welding and brazing
Chandler Heater Co., Cedar Rapids	Boilers, furnaces
Fawcett, C. E., 119 3d Ave., Cedar Rapids	Machinery, patterns
Foster Brass Foundries, Cedar Rapids	Bearings, bronze tablets, plumbing goods, bushings, castings, patterns
Hall Mfg. Co., Cedar Rapids	Augurs, steel baskets, farm implements and tools, hoists, vehicle tongues
Handy Sack Baler Co., 639 A Ave. W., Cedar Rapids	Sack wire balers
Hawkeye Conveyor Co., 325 2nd Ave., Cedar Rapids	Coal unloading machinery
Hawkeye Lightning Rod Co., Cedar Rapids	Lightning rods
Inskeep, C. Chambers Co., 222 So. 2nd, Cedar Rapids	Optical goods, automatic engraving machines

Firms by Industrial Classification.	Location
Foundry and Machine Shop Products—Continued.	
Iowa Cylinder & Piston Co., Cedar Rapids	Cylinders and pistons
Iowa Steel & Iron Works, 4th Ave. & 12th St. W., Cedar Rapids	Fire escapes, structural iron work
Iowa Windmill & Pump Co., 42 7th Ave. W., Cedar Rapids	Pumps, windmills, steel tanks, wood tanks
National Semaphore Signal Co., Cedar Rapids	Automobile traffic signals
Rabus & Toeller, 119 So. 1st St. W., Cedar Rapids	Models and patterns, foot presses, dies, punches
Redmon, Edgar & Redmon, Cedar Rapids	Dish washers (electric and hand power), tray carriages, potato peelers (electric), steam tables
Reliance Ring Co., Cedar Rapids	Piston rings
Starry's Foundry, 930 So. 4th St., Cedar Rapids	Foundry
Steel Basket Co., 712 So. 3d St., Cedar Rapids	Steel baskets, measures, coal chutes, etc.
Tokheim Mfg. Co., 815 N. 1st St. W., Cedar Rapids	Oil pumps, tanks
Universal Foundry Co., 1791 1st Ave., Cedar Rapids	Castings
Vac Liquid Equipment Co., 1125 C Ave. W., Cedar Rapids	Oil pumps, tanks
Hercules Mfg. Co., Centerville	Stump pullers, mine car wheels and steel castings
Judy Mfg. Co., Centerville	Cement mixers, mine car wheels, universal joints, castings
Johnson Bros. Mfg. Co., Chariton	Haystackers, sweep rakes, foundry and machine work
American Engine Co., Charles City	Engines
Hart-Parr Co., Charles City	Oil engines, threshers, plows, tractors, etc.
Moss, W. E., Charles City	Foundry work
Caswell Mfg. Co., Cherokee	Belt guides, binder hitches
Cherokee Guide Co., Cherokee	Tractor guides and hitches
Cherokee Mfg. Co., Cherokee	Machine work
Clarinda Lawn Mower Co., Clarinda	Lawn mowers, washing machines
Lisle Mfg. Co., Clarinda	Well drilling machinery, castings, foundry work
Climax Engineering Co., Clinton	Kerosene engines
Clinton Bridge Works, 101 So. 2nd, Clinton	Bridges, structural iron work
Clinton Lock Co., 8th Ave. & 4th, Clinton	Locks, builders hardware
Clinton Refrigerating Co., Clinton	Refrigerating machines and equipment
Iowa Machine Works, 8th Ave. E. of 2nd, Clinton	Castings, engines
Lubbers and Bell Mfg. Co., 200 N. 2nd, Clinton	Hardware specialties
Lyons Machine Works, Clinton	Machine shop products
Giant Mfg. Co., 234 So. Main St., Council Bluffs	Playground apparatus of all kinds, lawn and porch swings, slide fire escapes, truck bodies and cabs

Firms by Industrial Classification.	Location
Foundry and Machine Shop Products—Continued.	
Griffin Wheel Co., Council Bluffs	Railroad car wheels
Kimball Bros. Co., 9th Ave. N. W. corner 11th Ave., Council Bluffs	Elevators and scales, founders and machinists
Lee, W. & Son Co., 13th & 2nd Ave., Council Bluffs	Millwrights, wheat scouring machines and feeders
Machine Mfg. & Engineering Co., 2801 W. Broadway, Council Bluffs	Machinery
Morris Cash & Credit Register Co., Council Bluffs	Cash registers
Peterson Machine Works, 2nd Ave. & 13th St., Council Bluffs	Special machinery
Sprague Foundry, 11th & 3d Ave., Council Bluffs	Furnaces, iron castings, foundry and machine work
Electra Lightning Rod Co., Cresco	Lightning rods
Faultless Stump Puller Co., Cresco	Stump pullers
Swenson Grubber Co., Cresco	Stump pullers
Davenport Locomotive Works, 2305 Rockingham Road, Davenport	Locomotives
Davenport Machinery & Foundry Co., 1618-44 West 4th St., Davenport	Machinery, foundry work, pulleys, structural steel
Davenport Mfg. Co., Davenport	Waste paper balers,, specialties, cigar lighters, stamp vending machines
Davenport Pattern & Machine Works, 828½ 2nd St., Davenport	Wood and metal patterns, machine work, chiropractic tables
East Davenport Machine Shop, 408-410 Mound St., Davenport	Tools, jigs, fixtures, special machinery, fire escapes, patterns, dies, gears, foundry work
Emeis Mfg. Co., 217 Iowa St., Davenport	Dies, punches, tools
Frank, H. J., Foundry & Machine Co., 1739-45 West 2nd St., Davenport	Foundry and machine work
French & Hecht, 4th & Farnam, Davenport	Steel wagon, implement and truck wheels
Linograph Co., 5th & Rock Island, Davenport	Linographs, slug casting machines
Modern Broom Machinery Co., 415 Ainsworth, Davenport	Broom handle shaping machines
Newcomb Loom Co., 1334 W. 2nd St., Davenport	Looms
Red Jacket Mfg. Co., 3d & Farnam Sts., Davenport	Pumps, castings, auto manifolds
Schmidt, B. L. Co., 413-417 West 4th St., Davenport	Ice breakers, chipping machines, internal grinders
Victor Animatograph Co., 527 West 4th St., Davenport	Animatographs, motion picture machines and supplies

Firms by Industrial Classification.	Location
Foundry and Machine Shop Products—Continued.	
Western Foundry & Machine Co., 100 Gaines St., Davenport	Foundry and machine products
Winters, H. E., Specialty Co., Davenport	Vending machines, interchangeable signs
Woodall Mfg. Co., West 2nd & Elmwood Ave., Davenport	Paper baling presses
Anderson Mfg. Co., 511-512 West 3d St., Des Moines	Ventilators, lightning conductors
Beckman Bros., 5th & Raccoon, Des Moines	Boilers, pumps
Caldbeck Tool & Mfg. Co., Des Moines	Machine work
Central Wire & Iron Works, 119-123 E. Walnut, Des Moines	Fire escapes, jail and vault doors, structural wire and iron products
Dempster Mfg. Co., W. 8th & Morgan, Des Moines	Windmills, pumps, tanks
Des Moines Foundry & Machine Co., S. W. 16th & Walnut, Des Moines	Foundry and machine products
Des Moines Lightning Rod Co., 118 8th, Des Moines	Lightning rods
Des Moines Pattern & Model Works, 121 E. Walnut, Des Moines	Wood and metal patterns, machinery
Des Moines Steel Co., 4th & Tuttle, Des Moines	Steel and structural work, towers and water works plants
Des Moines Steel Tank Co., E. 19th and Court, Des Moines	Steel tanks
Des Moines Structural Iron Works, Elm between 3d and 4th, Des Moines	Iron work, fire escapes
Dodd & Struthers Co., 118 8th St., Des Moines	Lightning rods
Eagle Iron Works, E. 3d & Court, Des Moines	Coal mine cars and trucks, clay crushers, box car loaders, castings, machinery, structural iron work
Furlong Boiler & Iron Works, 400 E. Court, Des Moines	Boilers and tanks
Globe Machine & Supply Co., 205-207 Court Ave., Des Moines	Engines, boilers, machine work
Hawkeye Machine & Brass Works, 116 Court, Des Moines	Machine products, brass work
Iowa Machinery & Supply Co., 317 Court Ave., Des Moines	Mill and factory supplies, power transmission machinery, machine products
Iowa Novelty & Brass Works, 117-119 Grand, Des Moines	Brass castings, foundry and machine work
Jansen Machine Co., 741 21st, Des Moines	Machine work, specialties
The Martin Co., 212-214 East 3d St., Des Moines	Lightning rods, fixtures and ornaments

Firms by Industrial Classification.	Location
Foundry and Machine Shop Products—Continued.	
Moeller, John M., & Sons Co., 1010 9th, Des Moines	Kerosene heaters for bakery ovens
New Monarch Foundry, 307 E. 1st Ave., Des Moines	Foundry work
New Monarch Machine & Stamping Co., 406 S. W. 9th, Des Moines	Silo equipment, dies, tools, steel
Omnigraph Co., 201 E. 5th, Des Moines	Machinery manufacturers
Pittsburgh-Des Moines Steel Co., 9th & Tuttle, Des Moines	Bridges, fire escapes, water towers, structural iron work
Standard Welding & Machine Co., 416-418 E. 2nd, Des Moines	Welding, machine products
Teetor Adding Machine Co., 720 6th Ave., Des Moines	Adding machines
Thompson Mfg. Co., 310 2nd St., Des Moines	Patterns, vacuum cleaners, candy pullers
U. S. Ice Machine & Construction Co., 200 N. Y. Ave., Des Moines	Ice machines
United States Register Co., Des Moines	Hot air registers
Youngstrom, Carl, Machine Shop, 417 12th, Des Moines	Machine work
The Adams Co., 295 6th St., Dubuque	Milling machines, grinding stands, gear hobbing machines, moulding machines, stove repairs other foundry work
Champion Concrete Mixer Co., 130 1st St., Dubuque	Concrete mixers
Key City Iron Works, 880 Jackson, Dubuque	Iron products
Kretschmer Mfg. Co., 9th & Washington, Dubuque	Plumbers supplies
McDonald, A. Y., Mfg. Co., 12th & Pine, Dubuque	Plumbing supplies, brass goods, pumps
Schmid Mfg. Co., 660 18th St., Dubuque	Casket hardware
Smedley Co., The, 499 Garfield, Dubuque	Numerous foundry products
Voggenthaler, E. J., Co., 810-820 8th St., Dubuque	Foundry and structural iron work, fire escapes
Beck, N. L., Exira	Harrows, pig puller and pig snooter
Fairfield Engine Co., Fairfield	Machine work, engines
Fairfield-Iowa Curtiss Airplane Corporation, Fairfield	Assembling of planes, commercial field and station
Hawkeye Pump Co., Fairfield	Pumps, tanks, cupolas
Bock Bros., Oxacetylene Welding & Boiler Works, 113 So. 12th St., Ft. Dodge	Welding and brazing, boilers
Ft. Dodge Foundry, 9 So. 1st, Ft. Dodge	Castings
Ft. Dodge Machine & Welding Co., 614 1st Ave., So., Ft Dodge	Machine work
Iowa Foundry & Mfg. Co., 1st Ave. and N. 21st, Ft. Dodge	Concrete mixing machines
Iowa Malleable Iron Co., Fairfield	Malleable castings
Iowa Steel Post Co., Ft. Dodge	Steel posts

Firms by Industrial Classification.	Location
Foundry and Machine Shop Products—Continued.	
Pence, W. H., Fairfield	Machine shop
Sargent Tile Ditcher Co., 1st St. & 7th Ave. North, Ft. Dodge	Ditching machines
Superior Foundry Co., Ft. Dodge	Castings, foundry work
Weston, Clarence J., Route 5 Ft. Dodge	Dump cars, foundry work
Big Farmer Corporation, Foot of Vermont St., Ft. Madison	Spading machines
Continental Machine & Foundry Co., Ft. Madison	Ice machines, foundry work
Ft. Madison Foundry Co., Ft. Madison	Foundry products
Clark Meter Co., Gladbrook	Blast meter for foundries
Bryan, Wm., Guthrie Center	Brazing and lathe work
The Farm Horse Traction Works, Guttenberg	Tractors, also foundry work
Deen Loom Co., Harlan	Weaving looms
Nelson Gas Engine & Auto Co., Harlan	Gas engines
Schneckloth, Henry, Holstein	Machine work
Bloom, J. S., Mfg. Co., Independence	Machinery
Crabb Gas Engine Co., Independence	Gasoline and kerosene engines
Enterprise Engine Co., Independence	Gasoline engines
Iowa City Iron Works, 321 So. Gilbert, Iowa City	Foundry products
Economy Excavator Co., Iowa Falls	Ditching machines
Gade Bros. Mfg. Co., Iowa Falls	Gasoline engines
Gade, C. L. Mfg. Co., Iowa Falls	Gates and ditching machines
Iowa Falls Machine Works, Iowa Falls	Machine parts
Royer Mfg. Co., Janesville	Concrete mixers
Gould Balance Valve Co., Kellogg	Traction engine valves, ensilage cutters
American Cement Machine Co., 225 So. 4th, Keokuk	Cement machinery, contractors equipment
Decker Mfg. Co., 316 Blondeau, Keokuk	Hardware specialties, hog rings, curry combs
Keokuk Steel Casting Co., Keokuk	Steel castings
Kollmyer & Talbot, 319 Bank, Keokuk	Machine work
Pechstein Iron Works, 9th corner Johnson, Keokuk	Fire escapes, iron work
Thomas Bros. Co., 29 Johnson, Keokuk	Machine work
Weber-Kirch Mfg. Co., 225 So. 4th, Keokuk	Hardware specialties
Pech, Gus, Foundry & Mfg. Co., Le Mars	Well augers, drills, post hole diggers, bob sleighs
Curtis, C. A., Sons, Handle Co., McGregor	All kinds of tool handles
D. A. D. Latch Co., Manchester	Door latches
The National Mfg. Co., Manchester	Steel posts, gates, fence, hay racks
Handy Sack Baler Co., Marion	Cement baler and cement sack cleaner
American Machine Products Co., 8th Ave. & Main, Marshalltown	Machine work, pistons, cutouts, wheel pullers
Brauer Acetylene Lighting Co., Marshalltown	Acetylene gas machines, poultry coops, hog feeders
Central Foundry Co., 207 E. Main, Marshalltown	Foundry products
Cooper Mfg. Co., Inc., 411 So. 1st, Marshalltown	Metal specialties, vices wrenches, dental machines

Firms by Industrial Classification.	Location
Foundry and Machine Shop Products—Continued.	
Dunham, C. A. & Co., 810 E. Main, Marshalltown	Steam traps, heating specialties
Fisher Governor Co., 201-203 So. 1st Ave., Marshalltown	Pump governors, power plant specialties, mill supplies
Marshalltown Machine Shop, Marshalltown	Machine work
Marshalltown Mfg. Co., 110-12 So. 8th, Marshalltown	Shears, hog oilers, warm air furnaces, pressure gauges
Peterson & Bates, Marshalltown	Fire escapes, structural iron work
Mason City Foundry & Machine Co., 8th St. S. W., Mason City	Gray iron castings
Mason City Machine Shop, 15 7th St., S. W. Mason City	Machine work
Lewis, N. R., Montezuma	Ratchet jack screw
Muscatine Boiler & Sheet Iron Works, Muscatine	Boilers, fire escapes, and sheet iron work
Niver Iron Works Co., E. 2nd & Spring, Muscatine	Foundry and machine products; castings
O'Keefe, Wm., Engineering Co., 206 Mulberry Ave., Muscatine	Button machines
Young, L. G., Muscatine	Steel stamps and letters
Guylm, Lodwick, Mystic	Mine cages, mine dirt cars
Fuller Mfg. Co., Newhall	Fuller patent brick carrier
The Maytag Co., Newton	Washing machines, agricultural implements, gas engines, self feeders, grain graders
Miles Manufacturing Co., Newton	Garage equipment
One Minute Mfg. Co., Newton	Washing machines, auto pumps, manure spreaders, tubs, grain graders
Parsons Mfg. Co., Newton	Trench excavators, back fillers, crucible steel castings
Madson, Hans, Sons, Northwood	Machine work
Hall Air Lock & Railway Supply Co., Oakville	Ford braces, railway frogs and couplers
Ideal Mfg. & Supply Co., 114 A Ave. E., Oskaloosa	Hot water and steam heaters, smokeless heaters
Iowa Valve Co., 8th Ave., So. of R. I. Depot, Oskaloosa	Valves, castings, fire hydrants
Seevers Mfg. Co., 602 1st Ave. W., Oskaloosa	Bridges, heating boilers
Western Mfg. Co., So. 3d & Rock Island, Oskaloosa	Hydrants, valves, cement mixers, culverts
American Mining Tool Co., 1102 E. Main, Ottumwa	Mining tools and miners' apparel
Hardsocg Mfg. Co., Ottumwa	Mining machinery, drills and tools, miners' apparel

Firms by Industrial Classification.	Location
Foundry and Machine Shop Products—Continued.	
Hardsocg Wonder Drill Co., Ottumwa	Pneumatic miners rock drills, tools, sharpening machines, riveting machines
Johnson Pressed Gear Co., Ottumwa	Steel gears, lawn mowers, washing machines
Ottumwa Boiler Works, Ottumwa	Boilers, tanks, smoke stacks, steam and gasoline engines
Ottumwa Iron Works, 402-420 W. Main, Ottumwa	Hoisting engines, mine machinery
Ottumwa Supply & Construction Co., Ottumwa	Steel bridges, fire escapes, structural iron work
Renz, John, Church & Myrtle Sts., Ottumwa	Machine work
Parkersburg Mfg. Co., Parkersburg	Cement mixers, auto belt attachments, grinders, and other small articles
Progressive Foundry, Perry	Foundry products
Kerrihard Co., The, 401 W. Coolbaugh, Red Oak	Iron foundry, pumps
Red Oak Bridge & Iron Works, Red Oak	Iron and foundry products, bridges, fire escapes, structural work
Anchor Concrete Machinery Co., Rock Rapids	Cement stone machinery
McCaughey, W. P., & Son, Rock Rapids	Machine work
Victor Pin Setter Co., Rock Rapids	Pin setting machines for bowling alleys
Gunn Road Machine Mfg. Co., Rockwell City	Road machines
Kurtz & Son, Sac City	Gas engine governors
Haakinson & Beaty Co., 1st & Nebraska, Sioux City	Fire escapes and structural iron work
Iowa Foundry Co., W. 2nd & Cook, Sioux City	Foundry work, concrete mixers, coal chutes, cistern tops, hog oilers
Novelty Mfg. Co., 416 Water St., Sioux City	Engines, valves, foundry products, novelties
Pioneer Iron Works, Inc., 5th & Water, Sioux City	Fire escapes, steel fence gates, wire and steel work
Sioux City Engine & Machinery Co., 860 Division, Sioux City	Concrete sewer pipe and tile, machinery and supplies
Sioux City Foundry & Mfg. Co., 7th & Division, Sioux City	Furnaces, boilers, tanks, sheet iron and foundry products
Sioux City Welding & Machine Works, 201 5th, Sioux City	Auto parts, pistons, rings, axles, shafts, gears, etc.
Warnock, Wm., Co., Steel Tank Factory, Sioux City	Steel tanks, machine work
Machmeier, Gus, Tipton	Piston inserters
Busby, C. W., Co., Washington	Hog oilers
Armstrong Mfg. Co., Waterloo	Well drilling machines, gasoline engines, pumps
Associated Mfg. Co., Jefferson & W. Mullan Ave., Waterloo	Gasoline engines, farm implements
Baum & Scholl, Sycamore & Oak, Waterloo	Doughnut machines

Firms by Industrial Classification.	Location
Foundry and Machine Shop Products—Continued.	
Black Hawk Mfg. Co., Miles near McKinley, Waterloo	Gray iron castings, foundry products
Bovee Furnace Works, 8th near River, Waterloo	Feed mills
Cement Tile Machinery Co., 124 Rath, Waterloo	Cement tile machinery
Ferguson Mfg. Co., 118-120 Rath, Waterloo	Well drilling machines
Galloway, Wm. Co., Westfield & Ballou, Waterloo	Gas engines, agricultural implements
Goodman, W. A., Furnace Co., Waterloo	General founders and machinists, furnaces
Hawkeye Foundry Co., Westfield and Vaughn Sts., Waterloo	Foundry work, gray iron castings
Hawkeye Mfg. Co., 903 Sycamore, Waterloo	Gas machines, swings, post hole augers
Headford Bros. & Hitchins Foundry Co., Westfield & Vaughn, Waterloo	Gray iron castings
Iowa Dairy Separator Co., Jefferson & W. Mullan, Waterloo	Cream separators
Iowa Gasoline Engine Co., 207-209 Center, Waterloo	Gasoline engines, machine work
Stewart Mfg. Co., 124-132 Rath, Waterloo	Concrete machinery
Superior Brass Foundry, 82-84 W. 11th, Waterloo	Aluminum cooking utensils, brass and bronze castings, gas engines
Swift Mfg. Co., Westfield Ave. near Lamson, Waterloo	Feed cookers, tank heaters, grinding mills, elevators
Vaughan Mfg. Co., 800 Commercial, Waterloo	Printing presses
Waterloo Construction Machinery Co., Waterloo	Concrete mixers and hoisting machinery
Waterloo Gasoline Engine Co., Mills & Commercial Sts., Waterloo	Gasoline and traction engines, cream separators, milkers, manure spreaders, pump jacks
Waterloo Mfg. Co., Commercial and Thompson Sts., Waterloo	Iron and sheet metal products, plumbers and tinners supplies
Waterloo Register Co., 112 Rath St., Waterloo	Registers, furnaces
Waterloo Steam Boiler Works, Division & Rath Sts., Waterloo	Steam boilers, tanks, smoke stacks
Zeising, H. F., 100 Rath, Waterloo	Foundry work, furnaces
National Check Writer Mfg. Co., Webster City	Check writers
FURS, FUR ROBES, GARMENTS, ETC., AND TANNING	
Cedar Rapids Tanning Co., 901 So. 2nd St.	Cedar Rapids
Schoen, N., 210 3d Ave.	Cedar Rapids
Richter, T., & Sons, 219-221 W. 2nd St.	Davenport
Cownie, J. H., Glove Co., 3d & Vine	Des Moines
Cownie Tanning Co., 508 Market St.	Des Moines
Globe Tanning & Mfg. Co., 222 S. E. 1st	Des Moines
Kuhlman, Karl A., 912 Walnut	Des Moines
Sefren, S. B., 716-718 Walnut	Des Moines

Firms by Industrial Classification. Location

Furs, Fur Robes, Etc.—Continued.

Dubuque Tanning & Robe Co., 10th & White ..... Dubuque
Ede's Robe & Tanning Co., 95 W. Main ..... Dubuque
Mulfinger, C. J., 145 8th St. ..... Dubuque
Siegele, A., 957 Main St. ..... Dubuque
Willard, H., Son & Co., 20-26 1st St. ..... Marshalltown
American Fur & Tanning Co. ..... Mason City
Benowitz & Learner, 304 So. Federal ..... Mason City
Mason City Robe & Tanning Co.,
509-511 East 2nd St. ..... Mason City
Northwestern Robe & Tanning Co. ..... Sioux City
Sioux City Robe & Tanning Co. ..... Sioux City

FURNISHING GOODS, MEN'S
(Also see Clothing, Men's.)

Grip Bow Tie Factory, Atlantic ..... Men's ties
Wilson, A. M., Co., Cherokee ..... Garters and men's furnishings
American Mfg. Co., 1415-17 West Locust,
Des Moines ..... Men's neckwear, shirts, furnishings
North Western Suspender Co.,
207½ Watrous Block, Des Moines ..... Suspenders, garters, etc.
Laude & Puleston, Monticello ..... Neckties and boxes
Western Neckwear Co., Plymouth Bldg.,
Sioux City ..... Neckties
American Mfg. Co., 615½ Jefferson, Waterloo .... Men's neckwear
United Mfg. Co., 310 West 4th, Waterloo ..... Men's neckwear

FURNITURE AND REFRIGERATORS
(Compare Lumber and Timber Products.)

Carstens Bros., Ackley ..... Iceless refrigerators, ventilators
Chittenden & Eastman Co., 123 So. 3d, Burlington. Furniture, mattresses
Showers Bros. Co., Burlington ..... Furniture
Cedar Craft Co., Cedar Rapids ..... Cedar chests
Cedar Rapids Sash & Door Co.,
B Ave. & 6th St., Cedar Rapids ..... Office and store fixtures, furniture, mill work
Cedar Rapids Woodworking Co.,
B Ave. N. & 6th W., Cedar Rapids ..... Furniture frames
Imperial Furniture Co., 12th Ave. W.,
N. E. corner 6th, Cedar Rapids ..... Furniture
Parlor Furniture Mfg. Co., 7th Ave. &
4th St., Cedar Rapids ..... Furniture
Anderson Furniture Co., 100-102 Elm Ave.,
Clinton ..... Tables, kitchen cabinets
Anderson & Winter Mfg. Co., 106 Main, Clinton.... Furniture
Clinton Furniture Co., Clinton ..... Furniture
Clinton Refrigerating Co., Clinton ..... Refrigerating machines and equipment
Dunkleberger, C. W., 844 4th Ave., Clinton ..... Furniture and fixtures
Hansen & Dieckman Furniture Co.,
15th & Stockholm, Clinton ..... Library and kitchen furniture, tables, chair frames
Iowa Furniture & Mfg. Co.,
Foot of 9th Ave. (L), Clinton ..... Furniture and tables, also cement blocks
Kelly, H. A., Upholstering Co., Clinton ..... Upholstered furniture

Firms by Industrial Classification.	Location
Furniture and Refrigerators—Continued.	
Kelly, J. A., & Bros., Box 374, Clinton	Furniture and upholstering
Huber Furniture Mfg. Co., Cresco	Furniture
Chiropractic Supply Co., 526 Brady St., Davenport	Chiropractic tables
Davenport Upholstering & Repair Co., Davenport	Furniture upholstering and repairs
Griffin, A. A., Davenport	Chiropractic tables
Ideal Mfg. Co., Davenport	Chiropractic tables
Des Moines Upholstery & Feather Co., 504 Hartford, Des Moines	Furniture upholstering, feather mattresses
Harbach, L., & Sons, Co., 300 5th St., Des Moines	Furniture and mattresses
Percival, C. L., Co., 11th & Cherry, Des Moines	Refrigerators, display cases, mirrors, butchers' supplies
Red Cedar Mfg. Co., 306 S. W. 9th St., Des Moines	Cabinets
Schmitt & Henry Mfg. Co., 301 S. W. 8th, Des Moines	Furniture, mattresses, spring beds
Dubuque Altar Mfg. Co., 860 19th St., Dubuque	Altars, pews, church furnishings
Dubuque Show Case & Cabinet Works, 163 Main St., Dubuque	Show cases, store and office fixtures
Crosby-Olson Cabinet Co., 1228 Central Ave., Ft. Dodge	Cabinets and wood work
Hohn, Chris, Cabinet Shop, Ft. Dodge	Cabinets and wood work
Jorgensen, A. W., Cabinet Shop, Ft. Dodge	Cabinets and wood work
Hibbard Cleveland, Guthrie Center	Cabinets
Puritan Mfg. Co., Iowa City	Chairs, show cases
Ackerson-Ringstrom Co., 800 Johnson, Keokuk	Kitchen cabinets
Simplex Refrigerator Co., Keokuk	Refrigerators
Nevada Cabinet Works, Nevada	Cabinets
Skow Mfg. Co., Newton	Furniture, bank, store and office fixtures, mill work
Lasack Bros. & Co., Oxford Junction	Church and store furniture
Heeren, George, Pella	Store, office and bank fixtures
Hopper, C. T. Furniture Co., 101 So. Virginia, Sioux City	Furniture
Herrick Refrigerator & Cold Storage Co., Waterloo	Refrigerators
Northey Mfg. Co., Bluff & W. Park, Waterloo	Refrigerators, cooling and cold storage systems
Pratt, R. F., Waukon	Cabinets

GAS, ILLUMINATING AND HEATING
(Including Coke and Tar Products.)
(Also see Electricity and Gas, Both.)

Iowa Public Service Co.	Ames
Anamosa Gas Co.	Anamosa
Atlantic Gas Co.	Atlantic
Belle Plaine Iowa Gas Co.	Belle Plaine
Bettendorf Oxygen-Hydrogen Co. (welding gas)	Bettendorf
Boone Gas Co.	Boone
Burlington Gas Light Co., 300 Washington	Burlington
Citizens Gas Co.	Carroll
Cedar Rapids Gas Co., 327 So. 3d St.	Cedar Rapids

Firms by Industrial Classification. Location

Gas, Illuminating and Heating—Continued.

People's Gas & Power Co. .....Chariton
Charles City Gas Co. .....Charles City
Cherokee Gas Co. .....Cherokee
Pintsch Compressing Co.,
9th Ave. & 18th St. (acetylene gas).....Council Bluffs
The Prest-O-Lite Co. (East Omaha),
(acetylene chemicals and gas).....Council Bluffs
People's Light Co., 125 West 3d St. .....Davenport
Prest-O-Light Co., Inc., foot of South Howell St.,
(acetylene gas) .....Davenport
Decorah Gas Mfg. Co. .....Decorah
Des Moines Gas Co., 7th & High .....Des Moines
Prest-O-Lite Co. (acetylene gas) .....Des Moines
Key City Gas Co., 669 Main .....Dubuque
Rowe, E. E., Gaslight & Heating Co. .....Early
Ft. Madison Gas Light Co., 207 Pine .....Ft. Madison
People's Light & Fuel Co. .....Grinnell
Hampton Gas Co. .....Hampton
Independence Gas Co. .....Independence
Iowa Falls Gas Co. .....Iowa Falls
Gas Tank Recharging Co. (carbide manufacturing,
acetylene gas) .....Keokuk
Knoxville Gas Co. .....Knoxville
Le Mars Gas Co. .....Le Mars
Maquoketa Light & Heat Co. .....Maquoketa
Marengo Gas Co. .....Marengo
Mapleton Gas Co. .....Mapleton
Iowa Railway & Light Co. (Gas Plant).....Marshalltown
Ottumwa Gas Co., 104 West Main St. .....Ottumwa
Perry Gas Works .....Perry
Primghar Gas Co. .....Primghar
Red Oak Gas Co., West Reed St. .....Red Oak
Storm Lake Gas Co. .....Storm Lake
Vinton Gas Co. .....Vinton
Waverly Gas Co. .....Waverly
Webster City Gas Plant .....Webster City

GAS AND ELECTRIC FIXTURES AND APPLIANCES

Baco Electric Co., Bode .....Electric carbon-arc soldering irons
Electric Specialty Mfg. Co., 426 Granby,
Cedar Rapids .....Electric specialties, cable testers, pipe locators
Johnson Gas Appliance Co., 520 E. Ave. W.,
Cedar Rapids .....Gas furnaces, fixtures
Electric Specialty Co., Cresco .....Electric specialties, electric paper condensers
Automatic Electric Pump Co., Davenport .....Electric pumps (air)
Walther-Vogler Gas Machine Co.,
713 Harrison St., Davenport .....Gas machines, also electric machines
Warnerlite Products Corp., 422 Lane St.,
Davenport .....Electric home lighting plants
Battery Parts Co., 616 E. Grand, Des Moines.....Battery boxes and plates
Des Moines Fixture Co., 1809 E. University Ave.,
Des Moines .....Fixtures
Penn Electric Machine Co., 8th & Mulberry,
Des Moines .....Electric apparatus

Firms by Industrial Classification. Location

Gas and Electric Fixtures, Etc.—Continued.

The Walther Company, 202 E. 5th, Des Moines....Electric lighting fixtures
Monarch Telephone Mfg. Co.,
300 1st Ave. So., Ft. Dodge .....Telephones and supplies
Iowa Falls Battery Co., Iowa Falls .....Batteries
Brauer Acetylene Lighting Co., Marshalltown ....Acetylene gas machines
Hawkeye Mfg. Co., 903 Sycamore, Waterloo.....Gas machines

GASOLINE CLARIFIER

Allison Mfg. Co., 1024 Grand Ave.....Des Moines

GATES, STEEL AND WIRE

(Also see Wire Products.)

Hawkeye Wire Co. .....Britt
Powers, John L. .....Indianola
Gade, C. L., Mfg. Co. .....Iowa Falls
Standard Mfg. Co. .....Cedar Falls
Iowa Gate Co. .....Cedar Falls
The National Mfg. Co. .....Manchester

GLOVES AND MITTENS

Fairfield Glove & Mitten Co. .....Bonaparte
Boone Glove Works, 1021 Story St. .....Boone
Boss Mfg. Co. .....Cedar Rapids
Cownie, J. H., Glove Co., 3d & Vine .....Des Moines
Des Moines Glove & Mfg. Co., 4th & Grand.....Des Moines
Hermann Glove Co., 609 Grand Ave. .....Des Moines
Galena Glove & Mitten Co., 470 Garfield .....Dubuque
Fairfield Glove & Mitten Co. .....Fairfield
Marso & Rodenborn Mfg. Co., 1218 S. 22nd.....Ft. Dodge
Morrison-Ricker Mfg. Co. .....Grinnell
Iowa Glove Co. .....Iowa City
Rates, E. F., Sons .....Iowa City
Young Manufacturing Co. .....Shenandoah
Hawkeye Glove & Mitten Co. .....Waterloo
Waterloo Glove Co. .....Waterloo

GOVERNORS (SPEED) FOR ENGINES, PUMPS, ETC.

Cedar Rapids Foundry & Machine Co.,
720 1st Ave. W. .....Cedar Rapids
Fisher Governor Co., 201-203 So. 1st Ave .....Marshalltown
Kurtz & Son .....Sac City

GRAIN GRADERS, DRIERS, SPROUTERS

(See Corn Graders, Sorters, Testers and Driers.)

Close to Nature Co. .....Colfax
Grupe Drier & Boiler Co., 325-331 E. 2nd St.....Davenport
The Maytag Co. .....Newton
One Minute Mfg. Co. .....Newton
Universal Hoist & Mfg. Co. .....Cedar Falls
Bain Bros. Mfg. Co. .....Cedar Rapids
Root, A. I. Co., of Iowa .....Council Bluffs
National Mfg. Co., 102 S. E. 5th .....Des Moines
Vold Mfg. Co. .....Forest City

GRINDING MACHINES, GRINDING WHEELS

Diamond Grinder Co. .....Cedar Falls
Cedar Rapids Engineering Co.,
902 N. 17th St. .....Cedar Rapids
Starman, Jos., Machine Co. .....Cedar Rapids
The Adams Co., 295 6th St. .....Dubuque
Parkersburg Mfg. Co.....Parkersburg

Firms by Industrial Classification. Location

GYPSUM

United States Gypsum Co. .....Ft. Dodge
Wasem Plaster Co. .....Ft. Dodge
Centerville Gypsum Co. .....Centerville

GUN STOCKS (WALNUT) Des Moines

Des Moines Sawmill Co., 10th & Murphy.....

HANDLES, ALL KINDS, FOR TOOLS, PLOWS, ETC.

American Handle & Novelty Co.,
816 S. W. 9th St. .....Des Moines
Hartenberger, J. R., Handle Co. .....Epworth
Curtis Handle Co., 1109 Des Moines St. .....Ft. Madison
International Handle Co. .....Ft. Madison
Mills-Ellsworth Co. .....Keokuk
Curtis, C. A., Sons, Handle Co. .....McGregor
Lindsay Mfg. Co., 501 Hancock .....Ottumwa

HARDWARE (Includes Specialties, Locks, Builders' Hardware, etc.)

Boone Foundry & Machine Works, 9th & Harrison.Boone
Viking Pump Co. .....Cedar Falls
Clinton Lock Co., 8th Ave. & 4th .....Clinton
Lubbers and Bell Mfg. Co., 200 N. 2d .....Clinton
Schmid Mfg. Co., 660 18th.....Dubuque
Decker Mfg. Co., 316 Blondeau.....Keokuk
Weber-Kirch Mfg. Co., 225 So. 4th .....Keokuk
Johnston & Sharp Mfg. Co. .....Ottumwa
Bull Dog Clip Co. (floor clips) .....Winterset

HATS AND CAPS

Lyman Bros. Co. (millinery) .....Cedar Rapids
Capital Hat Frame Works, 221 W. 3d .....Des Moines
Iowa Cap Co., 201 7th St. .....Des Moines
Lederer-Strauss & Co., 306-310 Court Ave. .....Des Moines
Marks Mfg. Co. .....Des Moines
Midwest Cap Co., 123 Walnut St. .....Des Moines
Siegele, 957 Main St. (fur hats) .....Dubuque
Midwest Cap Co. .....Sioux City
Sioux City Cap Co., New Grand Bldg. .....Sioux City

HEATERS, HEATING SPECIALTIES, TANK HEATERS, ETC. (Also see Plumbers' Supplies; Stoves and Furnaces; Foundry and Machine Products.)

Bain Bros. Mfg. Co. .....Cedar Rapids
Goodyear Heater Co., 1637 A Ave. .....Cedar Rapids
Moeller, John M. & Sons Co., 1010 9th .....Des Moines
Dunham, C. A. & Co., 810 E. Main .....Marshalltown
Ideal Mfg. & Supply Co., 114 A Ave. E. .....Oskaloosa
Swift Mfg. Co., Westfield Ave., near Lamson.....Waterloo

HOG FURNITURE, FEEDERS, OILERS, WATERERS, RINGS, HOUSES, ETC.

Adix Mfg. Co. .....Boone
National Mfg. Co., 102 S. E. 5th .....Des Moines
Hog Trough Mfg. Co. .....Griswold
Only Mfg. Co. .....Hawarden
Bort Mfg. Co. .....Hopkinton
Decker Mfg. Co., 316 Blondeau (rings) .....Keokuk
Lynnville Mfg. Co. .....Lynnville

Firms by Industrial Classification. Location

Hog Furniture—Continued.

Brauer Acetylene Lighting Co. .....Marshalltown
Marshalltown Mfg. Co. .....Marshalltown
Iowa Foundry Co., West 2d & Cook .....Sioux City
Busby, C. W. Co. .....Washington
McCollough, W. A. & Son, Inc. .....Webster City
The Monarch Co. .....Webster City
Beck, N. L. (pig snooters, pullers) .....Exira

HOISTING MACHINERY (See Machinery; Foundry and Machine Products.)

HOSPITAL AND PHYSICIANS SUPPLIES
(Also see Patent Medicines.)

Howard-Holt Mfg. Co. .....Cedar Rapids
Churchill Drug Co., 110 N. 4th .....Burlington
American Chemical Co. .....Council Bluffs
Iowa Soda Products Co., 29th St. & 1st Ave.....Council Bluffs
Wilson Chemical Co., 1216-1222 So. 6th .....Council Bluffs
Fox Chemical Co., 517 E. Grand Ave. .....Des Moines
Iowa Chemical Co., 1333 E. Grand .....Des Moines
Standard Chemical Co., 1019-1021 High.....Des Moines
Walker Chemical Co., 207 Euclid .....Des Moines
Waterbury Chemical Co., E. 2d & Locust .....Des Moines
Midland Chemical Co., 170 Jones .....Dubuque
Marshalltown Laboratories .....Marshalltown
Waterloo Chemical Works, Fairview Ave. & Park..Waterloo
CaPhenin Chemical Co. .....Waverly

HOSIERY AND KNIT GOODS

Atlantic Knitting Co. .....Atlantic
Boone Hosiery Mills .....Boone
Des Moines Hosiery Mills, E. 28th and Dean .....Des Moines

HOUSE-MOVERS SUPPLIES

La Plant-Choate Mfg. Co., 604 Eastlake St. .....Cedar Rapids

HYDRANTS, VALVES, ETC. (See Foundry and Machine Products; Plumbers Supplies.)

ICE AND COLD STORAGE

Ames Pure Ice Co. .....Ames
Central Iowa Poultry & Egg Co. .....Atlantic
Artificial Ice Co. .....Audubon
Bellevue Ice Co. .....Bellevue
Crystal Ice & Fuel Co. .....Bellevue
Hopkins & Harper .....Bloomfield
Rocho Bros. Ice & Cold Stg. Co. .....Boone
Burlington Ice & Fuel Co. .....Burlington
Hubbard Ice & Coal Co., 1132 No. 1st St. W.....Cedar Rapids
Pure Ice Co. .....Centerville
Chariton Ice Co. .....Chariton
Charles City Artificial Ice Co. .....Charles City
Lee Electric Co. .....Clarinda
Swift & Company, 109 5th Ave. .....Clinton
Clinton Ice Cream & Artif. Ice Co., 105 7th Ave...Clinton
Bloomer Cold Storage Co., 4th St. & 12th Ave.....Council Bluffs
Council Bluffs Coal & Ice Co. .....Council Bluffs
Droge Elevator Co. .....Council Bluffs
Pacific Fruit Express Co. .....Council Bluffs
Rex Coal & Ice Co. .....Creston
Davenport Ice & Cold Stg. Co., 114 Myrtle St.....Davenport

Firms by Industrial Classification. Location

Ice and Cold Storage—Continued.

Tri-City Plate Ice & Cold Stg. Co., 1423 Rockingham Road ..... Davenport
Nicholson Ice & Produce Co. ..... Denison
City Ice Co., 8th & New York Sts. ..... Des Moines
Consumers Ice Co., 8th & New York ..... Des Moines
Des Moines Ice & Fuel Co., 100 Maple* ..... Des Moines
Fischer Artificial Ice & Cold Stg. Co., 302 Iowa St.. Dubuque
Robertson Creamery Co. ..... Dunlap
Fairfield Pure Ice Co. ..... Fairfield
Farragut Public Service Co. ..... Farragut
Crystal Ice Co. ..... Ft. Dodge
Upper River Ice Co. ..... Ft. Dodge
Artesian Ice Co. ..... Ft. Madison
Gowrie Co-op. Creamery Co. ..... Gowrie
Maplehurst Dairy Co. ..... Grinnell
Moore, W. F. ..... Guthrie Center
McNall, O. J. ..... Hamburg
Harlan Ice & Cold Storage Co. ..... Harlan
Farmers Mutual Creamery Co. ..... Hospers
Ida Grove Ice & Fuel Co. ..... Ida Grove
Englert Bros., 319 E. Market ..... Iowa City
Iowa Falls Ice Co. ..... Iowa Falls
Sanitary Ice Co. ..... Jefferson
Keokuk Pure Ice Co., 801 Johnson ..... Keokuk
Lamoni Electric Co. ..... Lamoni
Le Mars Artificial Ice Co. ..... Le Mars
Malvern Cold Storage Co. ..... Malvern
Manilla Ice Plant ..... Manilla
Manning Creamery Co. ..... Manning
Marshall Ice Co., 101 West Main St. ..... Marshalltown
Higgins Packing Co. ..... Missouri Valley
Puritan Ice Co. ..... Muscatine
Artificial Ice & Cold Storage Co. ..... Newton
Oskaloosa Artificial Ice & Cold Stg. Co. ..... Oskaloosa
Ottumwa Ice Co. ..... Ottumwa
Ottumwa Sand Co. ..... Ottumwa
Schafer Ice Co., 301 So. Cass ..... Ottumwa
Pella Creamery ..... Pella
Perry Artif. Ice & Storage Co. ..... Perry
Red Oak Sanitary Ice Co., 401 W. Reed St..... Red Oak
Shenandoah Artif. Ice, Power, Heat and Light Co.. Shenandoah
Artificial Ice Co., 512 S. Wall St. ..... Sioux City
Consumers Ice Co., 11 West 3d ..... Sioux City
Vinton Heat & Artif. Ice Co. ..... Vinton
Artificial Ice & Fuel Co., E. 9th & Water St. .... Waterloo

ICE BREAKERS, ICE MACHINES
(Refrigerating Systems are under Furniture and Refrigerators.)

Schmidt, B. L. Co., 413-417 West 4th St. ..... Davenport
Continental Machine & Foundry Co. ..... Ft. Madison
U. S. Ice Machine & Construction Co., 200 New York Ave. ..... Des Moines

ICE CREAM AND ICES (Listed under "Confectionery and Ice Cream."

ICE CREAM CONES (Listed under cones, Ice Cream," and under "Confectionery and Ice Cream."

Firms by Industrial Classification. Location

INCUBATORS (Also see Dairymen's, Apiarists' and Poulterers' Supplies.)
Close to Nature Co. .....Colfax
Des Moines Incubator Co., E. 2d & Vine .....Des Moines
Klondyke Incubator Co., 321 S. W. 9th .....Des Moines
X-Ray Incubator Co., 1931 Des Moines .....Des Moines

JANITOR SUPPLIES
(Sweeping Compounds, Polishes, etc., are listed separately.)
Associated Mfg. Co., Lerch Bldg., manufacturers of janitor supplies .....Sioux City

JEWELRY
Fraternity Jewelry Mfg. Co., 223 1st Ave. .....Cedar Rapids
Johnson, Wm. H., Weston Block.....Clinton
Gerwe Bros. & Garvey Co., 110-112 E. 3d .....Davenport
Chicago Mfg. Jewelers, 216 5th .....Des Moines
Howard, Chas. L., 425 Kraft Bldg. .....Des Moines
Kirch, Herman Mfg. Jeweler, 608½ Walnut .....Des Moines
Mead & Mead Mfg. Jewelers, 411 Walnut .....Des Moines
Robinson, E. E. Co., 709-11 Equitable Bldg. .....Des Moines
Schlampp, Frank Co., 532 Locust St. .....Des Moines
Swander, Sid M., Mfg. Jeweler, 214 Davidson Bldg..Des Moines
Wilcox, Steeve C. & Son, 617 Walnut, 2d floor ....Des Moines
Ayres, T. R. J. & Son, 509 Main .....Keokuk
Lowe & Company, 1001 Hershey St. .....Muscatine
Hoffman, Carl .....Sac City

JUGS
Therm-A-Jug Co. .....Webster City

LADDERS
Heider Mfg. Co. .....Carroll
Smith, F. & Son, 1410 6th St. .....Clinton
Bicycle Step Ladder Co., 216 S. 2d W. .....Cedar Rapids
Davenport Ladder Co., 2365 McKinley Ave. .....Davenport

LAWN MOWERS
Clarinda Lawn Mower Co. .....Clarinda
Johnson Pressed Gear Co.....Ottumwa

LEAD (Hard)
United Lead Co. (Mfrs. of hard lead, frary metal, carbide) .....Keokuk

LEAD BURNING EQUIPMENT
Betschy Engineering Co., N. 16th St. .....Cedar Rapids

LEATHER GOODS AND TANNING

Leather, Tanning, Etc.
Cedar Rapids Tanning Co., 901 So. 2d .....Cedar Rapids
Bayer Tanning Co., Foot S. W. 9th .....Des Moines
Cownie Tanning Co., 508 Market St. .....Des Moines
Globe Tanning & Mfg. Co., 222 S. E. 1st .....Des Moines
La Forge, John T. & Sons, 1000 S. E. 21st .....Des Moines
Dubuque Tanning & Robe Co., 10th & White .....Dubuque
Ede's Robe & Tanning Co., 95 West Main .....Dubuque
Willard, H. Son & Co., 20-26 1st St. .....Marshalltown
American Fur & Tanning Co. .....Mason City
Mason City Robe & Tanning Co., 509-511 E. 2d St..Mason City
Sioux City Leather Co., 1106 4th St. .....Sioux City
Sioux City Robe & Tanning Co. .....Sioux City

Firms by Industrial Classification. Location

Leather Goods and Tanning—Continued.

Leather Gloves, see Gloves & Mittens.

Trunks, Valises, Leather Bags, Purses, Etc.

Jacoby, J. H. & Co., 209 N. Main (trunks and leather goods) ....Burlington
Simon Trunk Mfg. Co. ....Cedar Rapids
Des Moines Trunk Factory, 5th & Locust ....Des Moines
Kenyon Co., The, 305 Grand Ave. (leather purses, etc.) ....Des Moines
Enzler, Joseph A., 552 Main St. ....Dubuque
Anthony Trunk Factory, 413 5th ....Sioux City
Nash Trunk Factory, 709 5th ....Sioux City
Standard Trunk Co. ....Tipton

Saddlery and Harness, Horse Collars, Etc.

Glore, H. ....Bedford
Ahrens, Martin ....Boone
Goeppinger, L. & H., 710 Story ....Boone
McConnell, S. R. & I. C. Co. ....Burlington
Chariton Saddlery Co. ....Chariton
Schmidt, C. P. ....Charlotte
Cope, Oliver W. ....Clear Lake
Bigler, Fred A. ....Clermont
Clinton Saddlery Co., 902 3d St. ....Clinton
Keller, A. C., 3149 Ave. A. (H. collars) ....Council Bluffs
Perry, E. J., 127 S. Main St. ....Council Bluffs
Sears Saddlery Co., 214 Perry St. ....Davenport
Boyt, Walter Co., Inc., 212-214 Court Ave. ....Des Moines
Des Moines Saddlery Co., 309 Court Ave. ....Des Moines
Harley, W. A., 210 Locust ....Des Moines
Koenigsberger, Chas. & Son, 325 E. 5th St. ....Des Moines
Koenigsberger, John E., 604 E. Grand....Des Moines
Koenigsberger, Wm., 208 W. 4th St. ....Des Moines
Hansen, John ....Dixon
Ellwanger Bros., 1256 Clay St. ....Dubuque
Hoffman, Paul, 1301 Maple ....Dubuque
Schmid, C. Theodore ....Elgin
Gerken, Henry, Harness Shop ....Ft. Dodge
Bonicamp Mfg. Co., 1135 Front (H. collars) ....Ft. Madison
Robers, George & Son, 616 2d St. ....Ft. Madison
Steil, J. N. ....Garner
Schmidt, George ....Granville
Burrows, Elbert ....Gravity
Cheney, Robert H. ....Grundy Center
Newton, Jud ....Guthrie Center
Stringer, John ....Guthrie Center
Cody, Lyma, Jr. ....Hartley
Feldthan, August ....Hartley
Beniss, C. E. ....Hawarden
Barney, Hester ....Ida Grove
Breihan, A. R. ....Ida Grove
Nelson, H. A. ....Indepedence
Fryauf, Frank, 4 So. Dubuque St. ....Iowa City
Uecker, E. W. ....Lake Park
Keist, Theo. C. ....La Porte City
Woodruff, M. E. ....Lawler
Beem, Joshua A. ....Lehigh
Briggs, W. H. ....Le Mars
Swager, Chas. ....LuVerne
Rathjen, Henry ....Marengo

Firms by Industrial Classification.	Location
Leather Goods (Saddlery and Harness)—Continued.	
Kleinpell, Eugene, Jr.	Monona
Althaus, Adam, 209 Cedar St.	Muscatine
Van Nostrand Saddlery Co., 217 E. Front	Muscatine
Rhine, Henry D.	New Sharon
Lillard, Max	Newton
Rosen, Charles & Co.	Ogden
Gaskins, John D.	Peterson
George, C. R.	Pomeroy
Lauterbach, Guy	Reinbeck
Bushgens & Co.	Remsen
Smith & Son	Seymour
Meyer Bros. Saddlery Co., 513 Douglas	Sioux City
O'Harrow, L. Co., 902 4th	Sioux City
Sturges Bros., 411 Pearl St.	Sioux City
Holliday, C. W.	South English
Harris, L. C.	Spencer
Schmidt, Edw.	Spencer
Kovorik, Wenzel C.	Spillville
Germann, George W.	State Center
Spangler, J. E.	Storm Lake
Holm, Benjamin T.	Story City
Hicks, Wm. H.	Thurman (Rural 3 mi. from McPaul)
Wulf, Claus	Traer
Watson, Wm. W.	Vail
Schuplin, John B.	Vinton
Vinton Harness Co.	Vinton
Calhoun, Jas.	Wall Lake
Hartman, W. G. & Co.	Washta
Powers Mfg. Co., 1340 Sycamore	Waterloo
Waterloo Saddlery Co., 3d & Sycamore	Waterloo
O'Brien, Thomas F.	Waukon
Pahl, Henry	West Side
Archer & Rowland	West Union
Talcott, Walter	West Union
Williams, W. Frank	Williamsburg

LICORICE PRODUCTS

Licorice Products Co., 2d & Iowa	Dubuque

LIGHTNING RODS, FIXTURES, CABLE
(Also listed with Foundry & Machine Products.)

Shrauger & Johnson	Atlantic
Thompson, T., Mfg. Co.	Brighton
Barnett, Jos. & Co.	Cedar Rapids
Hawkeye Lightning Rod Co.	Cedar Rapids
Electra Lightning Rod Co.	Cresco
Anderson Mfg. Co., 511-513 West 3d St.	Des Moines
Des Moines Lightning Rod Co., 118 8th	Des Moines
Dodd & Struthers Co., 118 8th St.	Des Moines
The Martin Company, 212-214 E. 3d St.	Des Moines

LIME

Eagle Point Lime Works, Line St. & Lincoln Ave.	Dubuque
Hurst, Alfred Estate	Maquoketa

LINOGRAPHS (Slug Casting Machines.)

Linograph Co., 5th & Rock Island	Davenport

Firms by Industrial Classification. Location

LIQUID SMOKE

The Wilson Smoke House .....Indianola

LOCKS (Also see Hardware.)

Clinton Lock Co., 8th Ave. & 4th .....Clinton

LOCOMOTIVES

Davenport Locomotive Works, 2305 Rockingham Road .....Davenport

LOOMS

Newcomb Loom Co., 1334 West 2d St. .....Davenport
Deen Loom Co. .....Harlan

LUMBER AND TIMBER PRODUCTS, MILL WORK, ETC.

Atlantic Planing Mill, Atlantic .....Mill work
Parks, Jas. Shop, Belle Plaine .....Mill work
Bittner, L. Lumber Co., Bellevue .....Lumber and building material
Dorchester & Hughey, Bellevue .....Lumber
Entringer & Deppe Carpenter Shop, Bellevue .....Sash, doors, mill work
Western Mfg. Co., Boone .....Wood work
Burlington Box. Co., 865 Osborn, Burlington ....Wooden boxes, crates, etc.
Derby Mills Co., 860 Washington, Burlington ....Planing mill products
Fourth Street Box Co., 118 4th St., Burlington....Wooden boxes
Leopold Desk Co., 914 Osborn, Burlington .....Office desks
Nairn-Gilles Co., 5th & Valley, Burlington .....Sash, doors, mill work
Noelke-Lyon Mfg. Co., N. Main and Bluff, Burlington .....Sash, doors, mill work
Northwestern Cabinet Co., Lucas and C. B. Q. Tracks, Burlington .....Kitchen cabinets
Calmar Mfg. Co., Calmar .....Sash, doors, mill work
Heider Mfg. Co., Carroll .....Eveners, ladders, also tractors
Cascade Flour & Saw Mills, Cascade .....Lumber, also flour
Weisbard, Clinton C., Cedar Falls .....Sash, doors, fixtures, planing mill work
Bicycle Step Ladder Co., 216 So. 2d W., Cedar Rapids .....Stepladders
Cedar Rapids Sash & Door Co., B Ave. & 6th St., Cedar Rapids .....Office and store fixtures, furniture, mill work
Disbrow Sash & Door Co., 1st St. & 7th Ave., Cedar Rapids .....Sash, doors, mill work
Hawkeye Lumber & Coal Co., Cedar Rapids .....Mill work
Langton Sawmill Co., Cedar Rapids .....Chair stock, wagon stock
Williams & Hunting, 445 So. 1st W., Cedar Rapids.Planing mill products
Centerville Timber Co., Centerville .....Mine props
Iowa Timber Co., Centerville .....Mine props
Fisher-Morris Co., Charles City .....Office, store and bank fixtures
Smith, Geo. P. Co., Charles City .....Sash, doors, mill work
Anderson, E., Clear Lake .....Sash and doors
Curtis Bros. & Co., Clinton .....Sash, doors, mill work
Disbrow, M. A. & Co., Clinton .....Sash, doors, mill work
Joyce Lumber Co., Clinton .....Lumber, mill work
Smith, F. & Son, 1410 6th St., Clinton .....Boxes, ladders, ironing boards, poultry coops
Johnson's Carpenter Shop, Coon Rapids .....Windows, doors, mill work
Council Bluffs Box & Basket Co., 101 So. 21st St., Council Bluffs .....Boxes, baskets, crates
Hafer, C. Lumber Co., Council Bluffs .....Lumber, mill work

Firms by Industrial Classification.	Location
Lumber and Timber Products—Continued.	
Reynolds & Son, Council Bluffs	Mill work
Wind, H. P., 13th & Broadway, Council Bluffs	Planing mill work
Creston Planing Mill, Creston	Stock tanks, sash, doors
Davenport Ladder Co., 2365 McKinley Ave., Davenport	Ladders
Davenport Wood Works, Davenport	Mill and cabinet work
McClelland, T. W. & Co., 3d & LeClaire, Davenport	Planing mill products
Roberts, U. N. Co., 702 Federal St., Davenport	Lumber, sash, doors, and art glass
Clansing, Herman, Denver	Lumber
Carr-Baal Company, 301 S. W. 9th, Des Moines	Sash, doors, mill work
Des Moines Sawmill Co., 10th & Murphy, Des Moines	Gun stocks, aeroplane lumber, walnut
Des Moines Wood Fixture Co., 216 E. Court, Des Moines	Bank, store and office fixtures
Jaeger Mfg. Co., 8th & Vine, Des Moines	Store and bank fixtures, show cases, mill work
Larsh, M. F. Planing Mill, 1107-11 Cherry St., Des Moines	Sash, doors, general mill work
Loetscher & Burch Mfg. Co., E. 4th & Vine Sts., Des Moines	Sash, doors, mill work
Randall Lumber Co., 216 S & L Bldg., Des Moines	Lumber
Carr, Ryder & Adams Co., 9th & Jackson, Dubuque	Sash, doors, blinds
Farley & Loetscher Mfg. Co., 7th & White St. Dubuque	Bank and office fixtures, sash, doors, mill work
Metz Mfg. Co., 17th & Elm, Dubuque	Sash, doors, stairs, mill work
Morris-Johnson-Brown Mfg. Co., Dubuque	Excelsior
Seippel, Peter J., Lumber Co., Dubuque	Lumber
Renz, J. A., Dunkerton	Planing mill products
Hartenberger, J. R., Handle Co., Epworth	Handles
Crosby-Olson Cabinet Co., 1228 Central Ave., Ft. Dodge	Cabinets, wood work
Hohn, Chris, Cabinet Shop, Ft. Dodge	Cabinets, wood work
Horn, Paul, 136 Central Ave., Ft. Dodge	Sash, doors, mill work
Jorgensen, A. W., Cabinet Shop, Ft. Dodge	Cabinets, wood work
Atlee, S & J Co., Ft. Madison	Mill work, packing boxes, chicken coops
Curtis Handle Co., 1109 Des Moines St., Ft. Madison	Tool handles
International Handle Co., Ft. Madison	All kinds of handles
Hog Trough Mfg. Co., Griswold	Hog troughs, scoop board, scale racks, chicken coops, hens nests, etc.
Eberhard, Ed. P., Lumber Co., Guttenberg	Lumber, butter tubs
Guttenberg Excelsior Mfg. Co., Guttenberg	Excelsior
Only Mfg. Co., Hawarden	Hog waterers, sash, mill work
Anderson Sawmill & Lumber Co., Hedrick	Lumber
Iowa City Planing Mill, Gilbert & Washington Sts., Iowa City	Sash, doors, mill work
Carter Mfg. Co., 429 So. 4th, Keokuk	Planing mill products, sash, doors, etc.
Keokuk Box Co., 1510 Commercial Alley, Keokuk	Wooden boxes, crates, and saw dust

Firms by Industrial Classification.	Location
Lumber and Timber Products—Continued.	
Mills-Ellsworth Co., Bank & Commercial Alley, Keokuk	Buggy shafts, poles, plow handles, trucks, wood work
Corey, Geo. & Son, Lake City	Screen doors and windows, hayracks
Booream-Kemper Lumber Co., Lansing	Boxes, crating, etc.
Christensen, Chris, Latimer	Planing mill products, sash, doors, etc.
Oelberg Bros., Lima	Lumber and feed
Jacob's Carpenter Shop, Marengo	Woodwork, sash, doors
Tuttles Carpenter Shop, Marengo	Woodwork, mill work
Pyle Lumber Co., Marion	Hog crates, boxes, etc.
Hellands Planing Mill, Marshalltown	Sash, doors, mill work
Joyce Lumber Co., Marshalltown	Sash, doors, mill work
Keyser, Martin Mfg. Co., Marshalltown	Boxes
Mason City Millwork Co., 117-119 W. 4th, Mason City	Sash, doors, mill work
Nagle, V. & Son, Mt. Pleasant	Sash, doors, mill work
Huttig Mfg. Co., E. 2d & Oak, Muscatine	Sash, doors, mill work
Roach & Musser Sash & Door Co., Muscatine	Sash, doors, mill work
Newton Construction Co., Newton	Interior finish, bank and office fixtures, mill work
Skow Mfg. Co., Newton	Interior decoration, sash, doors, mill work
Osage Mfg. Co., Osage	Sash, doors, mill work
Chitwood, Wm., Oskaloosa	Mill work, repair shop
Sinclair, Samuel B., 316 1st Ave. W., Oskaloosa	Sash, doors, mill work
Crisman, L. T., Company, 138 Church, Ottumwa	Sash, doors, mill work
Ottumwa Mill & Construction Co., 308-320 W. Main, Ottumwa	Columns, office fixtures, planing mill work
Snook & Sons, 224 S. McLean, Ottumwa	Sash, doors, mill work
Heeren, George, Pella	Lumber and timber products
National Wood Works, Perry	Sash, doors, mill work
Remsen Planing Mill, Remsen	Mill work, sash, doors
Larson Bros., Sac City	Cabinets, mill work
Carlson, John, 9 West 3d St., Sioux City	Store and office fixtures, screens, window frames
Curtis Sash & Door Co., 201 W. Riverside, Sioux City	Sash, doors, fixtures, mill work
National Wood Works, 511 Water St., Sioux City	Bank, store and office fixtures, sash, doors, etc.
Soiset Bros., 512-14-16 Iowa St., Sioux City	Wood work, patterns, etc.
Floete Lumber Co., Spencer	Mill work
Spencer Construction Co., Spencer	Mill work
Nauman Co., The, Cedar & W. Park Ave., Waterloo	Sash, doors, mill work, bank and office fixtures
Waterloo Sash & Fixture Works, 513-523 E. 7th St., Waterloo	Bank and office fixtures, sash, doors, mill work
Webster Bros. Mfg. Co., Waucoma	Boxes, egg cases, sash and doors, mill work
Miller Mfg. Co., Waverly	Wood working plant, mill work, store fixtures, caskets
Smith, E. C., Winfield	Sash and door factory, all kinds of bldg. material

Firms by Industrial Classification. Location

Lumber and Timber Products listed above includes the following besides Bank, Store and Office Fixtures and General Planing Mill Products:

Excelsior

Morris-Johnson-Brown Mfg. Co. .....Dubuque
Guttenberg Excelsior Mfg. Co. .....Guttenberg

Boxes (wooden), Crates, etc.

Fourth Street Box Co., 118 4th St. .....Burlington
Burlington Box Co., 865 Osborn .....Burlington
Smith, F. & Son, 1410 6th St. .....Clinton
Council Bluffs Box & Basket Co., 101 So. 21st St...Council Bluffs
Atlee, S. & J. Co. .....Ft. Madison
Keokuk Box Co., 1510 Commercial Alley .....Keokuk
Booream-Kemper Lumber Co. .....Lansing
Pyle Lumber Co. .....Marion
Keyser, Martin Mfg. Co. .....Marshalltown
Webster Bros. Mfg. Co. .....Waucoma
Miller Mfg. Co. .....Waverly

Ladders

Heider Mfg. Co. .....Carroll
Bicycle Step Ladder Co., 216 S. 2d W. .....Cedar Rapids
Smith, F. & Son, 1410 6th St. .....Clinton
Davenport Ladder Co., 2365 McKinley Ave. .....Davenport

Handles of all kinds. (Complete list given under "Handles")

Hartenberger, J. R., Handle Co. .....Epworth
Curtis Handle Co., 1109 Des Moines St. .....Ft. Madison
International Handle Co. .....Ft. Madison
Mills-Ellsworth Co. .....Keokuk

MACHINERY of any kind included in this Directory may be found by examining the Foundry and Machine Products classification, or the following classes of products:

Adding machines
Agricultural implements
Airplanes
Animatographs (Motion picture machines)
Automobiles
Baling presses
Brick carrier
Button machinery
Candy pullers
Canning machinery
Cash registers
Check writers
Coal unloading machinery
Concrete and cement mixing machinery, contractor's equipment.
Cream separators and parts
Crushers, clay and rock
Dental machines and specialties
Disc sharpeners
Dish washers, steam tables, etc.
Ditching machines, excavators
Doughnut machines
Dump cars and scrapers, loaders
Elevators, freight and passenger, grain, etc.
Engines of all kinds

Firms by Industrial Classification. Location

Machinery List—Continued.

Engraving machines
Ensilage cutters
Foundry and machine-shop products
Furniture and refrigerators (includes refrigerating machines)
Gas and electric fixtures and appliances, includes gas machines and electric machines
Governors (speed) for engines, pumps, etc.
Grinding machines, grinding wheels
Ice breakers, ice machines
Linographs (slug casting machines)
Locomotives
Looms
Mine equipment, mining machinery, etc.
Omnigraphs
Pin setting machines for bowling alleys
Power transmission machinery
Printing presses
Pumps, windmills
Riveting machines
Road machines
Scales
Self-feeders
Sharpening machines
Shears (power)
Shingle mills, shingle machines
Spading machines
Speed governors
Stamp vending machines
Stump pullers
Tractors, traction engines
Trench excavators
Trip hammers
Vacuum cleaners
Vending machines
Washing machines
Well drilling machinery
Wheel pullers

MALT, MALT SYRUPS, MALT BEVERAGES

Blair Beverage Co. ..... Burlington
Ideal Yeast Co. ..... Cedar Rapid
Liquid Malted Milk Co. ..... Cedar Rapids
Flieschmann Malting Co. ..... Davenport
Besto Syrup Co., 306 S. W. 9th St. ..... Des Moines
Independent Brewing & Malting Co., 1801 West 3d. Davenport

MAPS

Kenyon Co., The, 305 Grand Ave. ..... Des Moines
Midland Map & Engineering Co., 907 Observatory Bldg. ..... Des Moines

MARBLE AND STONE WORK (Includes Monuments and Tombstones, Building Stone, etc.)

Algona Granite & Marble Works (Godden Monument Works) ..... Algona
Walton & Son ..... Anamosa
Iowa & Missouri Granite Works ..... Bedford
Boone Marble Works, 714 Arden ..... Boone
Cadd Marble Works ..... Boone

Firms by Industrial Classification.	Location
Marble and Stone Work—Continued.	
Brayton Cement Works	Brayton
Burlington Granite & Marble Co., 801 Jefferson	Burlington
Burrus Granite Company	Burlington
Leyda & Co., 108 N. Main St.	Burlington
Carroll Granite & Marble Works	Carroll
Bundy, Allen W.	Cedar Falls
Bruner Granite Co.	Cedar Rapids
Edinger, Edward Co., The	Cedar Rapids
Krebs, Wm. M., 1010 3d Ave. W.	Cedar Rapids
Searles Granite Co., 516 3d Ave.	Cedar Rapids
Union Marble & Granite Works	Cedar Rapids
Centerville Granite & Marble Works	Centerville
Harding, O. D.	Chariton
Cherokee Marble Works (Caryl B. Holden)	Cherokee
Barr, Fred C.	Clarksville
Boyce, Wm. L., 703 No. 2d	Clinton
Clinton Marble & Granite Works	Clinton
McDonnell, J. J., 707 So. 2d	Clinton
Williams & Dunn	Clarinda
Corydon Granite Co.	Corydon
Creston Marble & Granite Works	Creston
Le Claire Stone Co.	Davenport
Naugle & Naugle	Davenport
Oakdale Granite & Marble Works, 2301 Eastern Ave.	Davenport
Schricker Marble & Granite Co., 402 Scott St.	Davenport
Denison Monument Works	Denison
Capitol Hill Monument Co., 100 E. Locust	Des Moines
Des Moines Marble & Mantle Co., 12th & Walnut	Des Moines
Des Moines Monument Mfg. Co., 7th & Raccoon	Des Moines
Hearshman, J. W. & Sons, 923 Grand Ave.	Des Moines
Iowa Monument Co., 620 W. 9th	Des Moines
Kirsher, Joe & Co., 694 West 20th	Des Moines
Rowat Cut Stone Co., E. 6th & Vine	Des Moines
Casper-Lehner Co., 305 7th St.	Dubuque
Doran & Kies, 1202 White	Dubuque
Dorgan-Uhlrick Co.	Dubuque
Iowa Cut Stone Works, 11th & Elm	Dubuque
Kringle, Walter C. & Co., 460 10th St.	Dubuque
Lenz Monument Works, 1672 Clay	Dubuque
Schulte, Geo. G., 9th & Pine	Dubuque
Dodge & Baker	Eagle Grove
Eldora Granite Works	Eldora
Godden Monument Co.	Emmetsburg
Fairfield Marble & Granite Works	Fairfield
Delano, A. C., Granite & Marble Works	Ft. Dodge
Ft. Madison Marble & Granite Co., 932 2d	Ft. Madison
Glenwood Granite Works	Glenwood
Greenfield Monument Works	Greenfield
Harding, Frank	Grinnell
Hampton Granite & Marble Works	Hampton
Hawarden Monument Co.	Hawarden
Wiggert, Paul	Ida Grove
Lundy, John J.	Independence
Miller Bros., 222 E. College	Iowa City
Patterson, C. E.	Iowa Falls
Cameron, Joyce & Schneider, 615 Blandeau	Keokuk
Bellamy, Cleo H.	Knoxville
Lake City Marble, Granite & Vault Works	Lake City

Firms by Industrial Classification. Location

Marble and Stone Work—Continued.

Leon Marble & Granite Works ..... Leon
Wray, F. W. & Co. ..... Maquoketa
Lutz, Claude W. ..... Marion
Herter & Leins ..... Marshalltown
Freeborn, Frank W., 101½ So. 1st Ave. ..... Marshalltown
New England Granite Co., 106 So. Center ..... Marshalltown
Dayton-Oldham Granite Works, 217 North Federal Ave. ..... Mason City
Briar, Joseph A. & Sons (Northeastern Iowa Granite & Marble Works) ..... Monona
Bateman, John E. ..... Monticello
Mt. Ayr Marble & Granite Works ..... Mt. Ayr
Gloeckler, C. G. & Co. ..... Mt. Pleasant
Becke & Wilson, 221 West 2d ..... Muscatine
Boland, J. T., 517 E. 2d St. ..... Muscatine
Olson, Peter, 519 E. 6th ..... Muscatine
Nevada Monument Works ..... Nevada
Treat, L. E. ..... New Hampton
Onawa Marble & Granite Works ..... Onawa
McNichols, M. J. ..... Osceola
Hunt Monument Works, 313 High Ave. E. ..... Oskaloosa
New England Granite Works, W. Main St. ..... Ottumwa
Ottumwa Monument Co., 233 W. Main ..... Ottumwa
Root, M. B. & Son, 225 West Main ..... Ottumwa
Perry Marble & Granite Works ..... Perry
New England Granite Works ..... Pleasantville
Iowa Granite & Marble Works (Jas. Salter, prop.) . Red Oak
Red Oak Granite & Marble Works ..... Red Oak
Lohr & Biddinger ..... Rock Rapids
Rolfe Monument Works ..... Rolfe
Wayt, W. B. & Son ..... Sac City
Sheldon Marble Works ..... Sheldon
Fontini, A. B. ..... Shenandoah
Shenandoah Granite & Marble Works ..... Shenandoah
American Monument Co., 425 Water St. ..... Sioux City
Barrett, Robt. J. ..... Sioux City
Mariner, Fred Co., Inc., 2025 E. 4th ..... Sioux City
Rapalee Marble & Granite Works, 605 W. 7th St... Sioux City
Sioux City Marble & Granite Works, 813 5th St. .. Sioux City
Western Marble & Granite Works, 311 Jones..... Sioux City
Sloan, J. W. ..... South English
Sioux Valley Monument Works ..... Spencer
Mittelstadt Granite Co. ..... Storm Lake
Smith, M. E. (Stuart Marble & Granite Works) .. Stuart
Hebener, Charles ..... Washington
Lupton, J. T. ..... Washington
Hawkeye Granite Co., 108 11th St. ..... Waterloo
Gruben, Matthew & Son ..... Waverly
Dodge & Baker ..... Webster City
Roggensack, Herman ..... West Union
Clark, J. N. & Son ..... Winterset

MATTRESSES AND SPRING-BEDS

(Compare with Furniture classification.)

Chittenden & Eastman Co., 123 So. 3d ..... Burlington
Feather Mattress Co., 1643 Ellis Blvd. ..... Cedar Rapids
Milholen, B. D. ..... Cedar Rapids
Davenport Bedding Co., 1027 West 4th ..... Davenport
Des Moines Upholstery & Feather Co., 504 Hartford ..... Des Moines

Firms by Industrial Classification.	Location
Mattresses and Spring-Beds—Continued.	
Feather Mattress Co., 804 E. 12th	Des Moines
Harbach, L. & Sons Co., 300 5th St.	Des Moines
Schmitt & Henry Mfg. Co., 301 S. W. 8th	Des Moines
Dubuque Mattress Factory, 63 West Main	Dubuque
Patton Rug & Mattress Factory	Mason City
Ottumwa Mattress & Spring Co., 501 E. Main St.	Ottumwa
Union Mattress Co., 505 Water	Sioux City
MINE EQUIPMENT, MINING MACHINERY, CARS AND TRUCKS, MINERS' TOOLS AND APPAREL	
Boone Foundry & Machine Works	Boone
Eagle Iron Works, E. 3d & Court Ave.	Des Moines
Guylm, Lodwick	Mystic
American Mining Tool Co., 1102 E. Main	Ottumwa
Hardsocg Mfg. Co.	Ottumwa
Hardsocg Wonder Drill Co.	Ottumwa
Ottumwa Box Car Loader Co.	Ottumwa
MINERAL AND SODA WATERS	
Cross, L. J. & Co., Akron Ice Cream Co.	Akron
Diamond Bottling Works	Albia
Algona Bottling Works	Algona
Anamosa Bottling Works	Anamosa
Atlantic Bottling Works	Atlantic
Hopkins & Harper	Bloomfield
Linderblood's Bottling Works, 707 Keeler St.	Boone
Egger Bros.	Buffalo
Whistle Bottling Co., 826 Jefferson	Burlington
Calmar Bottling Works	Calmar
Cedar Rapids Bottling Works, 118-120 No. 1st St. West	Cedar Rapids
Coca Cola Bottling Co.	Cedar Rapids
Eagle Bottling Works	Cedar Rapids
Centerville Bottling Co.	Centerville
Superior Bottling Co.	Chariton
Charles City Bottling Works	Charles City
Cherokee Creamery & Bottling Works (Goeb. Bros.)	Cherokee
Clarinda Bottling Works	Clarinda
Arlen Bros., 600 So. 1st St.	Clinton
Iowa Bottling Works, 516 3d Ave.	Clinton
Colfax Bottling Works	Colfax
Fry, D. C. & Co.	Colfax
Corydon Bottling Works	Corydon
Mineral Springs Bottling Works, 1015 W. Broadway	Council Bluffs
Woodward, John G. & Co., 21 W. Broadway	Council Bluffs
Creston Bottling Works	Creston
Eagle Bottling Works, 1231 Hamilton St.	Davenport
Tri-City Bottling Works, 623 West 2d	Davenport
Decorah Pop Factory (D. H. Hill & Co.)	Decorah
Denison Bottling Works	Denison
A. B. C. Bottling Co.	Des Moines
American Bottling Works, 419 E. Grand	Des Moines
Capital City Bottling Works, 1317 Des Moines St.	Des Moines
Coca Cola Bottling Co., 1221 25th	Des Moines
Des Moines Bottling Works, 507-509 West 3d	Des Moines
Poncele Water Co., 28th & Ingersoll	Des Moines
Puritan Beverage Co., E. 6th & Grand	Des Moines
Weber's Bottling Works, 2116 S. E. 5th	Des Moines

Firms by Industrial Classification. Location

Mineral and Soda Waters—Continued.

Artesian Bottling Works, 2327 Couler St. .....Dubuque
Coca Cola Bottling Works, 441 White .....Dubuque
Key City Bottling Co. .....Dubuque
Kleis, Chris E., Co., 445 9th St. .....Dubuque
Lime Rock Springs Co. .....Dubuque
Shanahan, James, 141 Locust .....Dubuque
Durant Bottling Works .....Durant
Huberty Bros. .....Dyersville
Hoffbauer, L. .....Eagle Grove
Wood's Bottling Works .....Eldora
Elkader Bottling Works .....Elkader
Atkinson, Mrs. Roy (Emmetsburg Ice Cream and Bottling Works) .....Emmetsburg
Crystal Springs Bottling Works .....Estherville
Forrest City Bottling Works .....Fairfield
Kelley, E. S. .....Farmington
Ft. Dodge Bottling Works, 401 1st Ave. So. .....Ft. Dodge
Gypsum City Bottling Works .....Ft. Dodge
Stellern Bottling Works, 820 2d .....Ft. Madison
Hamburg Bottling Works .....Hamburg
Hampton Bottling Works .....Hampton
Hawarden Bottling Works .....Hawarden
Williams, G. C., Bottling Works .....Hawarden
Mineral Springs Bottling Works .....Humboldt
Independence Bottling Works .....Independence
Graff Bottling Works .....Iowa City
Iowa City Bottling Works, 420 So. Linn .....Iowa City
Welden, S. H. .....Iowa Falls
Jefferson Bottling Works .....Jefferson
Burk, J. & Co., 1011-13 Main St. .....Keokuk
Keokuk Coca Cola Bottling Co. .....Keokuk
Knoxville Bottling Works .....Knoxville
Le Mars Bottling Works .....Le Mars
Dairy City Bottling Works .....Manchester
Manning Bottling Works .....Manning
Maquoketa Bottling Works .....Maquoketa
Marshalltown Bottling Works, 8th Ave., near Main St. .....Marshalltown
Hub Bottling Works, 115 Front St., S. W. .....Mason City
Mason City Bottling Co., 616-620 S. Sheridan....Mason City
Higgins Packing Co. .....Missouri Valley
Monticello Bottling Works .....Monticello
Mt. Pleasant Bottling Works .....Mt. Pleasant
St. Claire, J. B., Muscatine Bottling Works, 319 Cedar St. .....Muscatine
Schwertfeger, F. L. & Son, 606 Mulberry .....Muscatine
New Hampton Bottling Works (J. J. Wandro, Prop.) .....New Hampton
Cherry Blossoms Mfg. Co. .....Newton
Lewis Bottling Co. .....Newton
Marsh, N. R., Bottling Works .....Oelwein
Oelwein Bottling Works .....Oelwein
Sears Bottling Works .....Onawa
M. & M. Star Bottling Co., 524 High Ave. W. ....Oskaloosa
Mahaska Bottling Works .....Oskaloosa
Alott Bottling Works .....Ottumwa
Lancy, T. J., 813 West Main St. .....Ottumwa
Perry Bottling Works .....Perry
Blue & Raftery, 203-205 Coolbaugh St. .....Red Oak
Rock Rapids Bottling Works .....Rock Rapids

Firms by Industrial Classification. Location

Mineral and Soda Waters—Continued.

Rockwell City Bottling Works ..... Rockwell City
Sac City Catering Co. ..... Sac City
Seymour Bottling Works & Ice Cream Factory .. Seymour
Sheldon Bottling Works (Fiebig Bros.) ..... Sheldon
Shenandoah Ice Cream & Bottling Co. ..... Shenandoah
Chesterman Co., 405 Pearl St. ..... Sioux City
Lane's Bottling Works, 712 Market St. ..... Sioux City
Sioux City Bottling Works ..... Sioux City
Crown Bottling Co. ..... Spencer
Spirit Lake Bottling Works ..... Spirit Lake
Acme Bottling Co. ..... Tama
Tyler Bros. ..... Villisca
Gobble Bottling Works ..... Washington
Crown Bottling Co. (Baron T. Steuben) ..... Waterloo
Sibert & Sons, 712 Bluff St. ..... Waterloo
Waukon Bottling Works ..... Waukon
Fosselman, Chris A. ..... Waverly

MIRRORS AND GLASS

Nurre Plate Glass Co. ..... Burlington
Ackley Cut Glass Co., 126 W. Front St. ..... Davenport
Decorative Art Glass Co., 713-715 West 2d St... Davenport
Pittsburgh Plate Glass Co., 410-416 Scott St..... Davenport
Roberts, U. N. Co., 702 Federal St. (art glass).... Davenport
Allward-Bowman Glass Works, 762 W. 9th ..... Des Moines
Brilliant Cut Glass Co., 210 Court Ave. ..... Des Moines
Percival, C. L., Co., 11th & Cherry Sts. (mirrors).. Des Moines
Standard Glass & Paint Co., 110 West 10th St... Des Moines

MODELS AND PATTERNS (Not Paper)

Fawcett, C. E., 109 3d Ave. ..... Cedar Rapids
Foster Brass Foundries ..... Cedar Rapids
Morrison, Thomas Pattern Shop, 804 1st Ave. W... Cedar Rapids
Rabus & Toeller, 119 So. 1st St. W. ..... Cedar Rapids
Davenport Pattern & Machine Works, 828½ 2d.. Davenport
East Davenport Machine Shop, 408-410 Mound St.. Davenport
Hawkeye Pattern Works ..... Davenport
Des Moines Pattern & Model Works, 121 E. Walnut St. ..... Des Moines
Midwestern Pattern & Model Works, 203 E. 5th.. Des Moines
Rasck, George P., 219-223 E. 1st St. ..... Des Moines
Thompson Mfg. Co., 310 2d St. ..... Des Moines
Ft. Dodge Model Works, 100 1st St. So. ..... Ft. Dodge
Soiset Bros., 512-516 Iowa St. ..... Sioux City
Waterloo Pattern Works, 506 Edwards ..... Waterloo

MUSICAL INSTRUMENTS

Johnson, H. G., Piano Co. (pianos) ..... Bellevue
Brunswick-Balke-Collender Co. (phonographs)... Dubuque
Tangley Mfg. Co., 919 W. Front (air and steam calliopes) ..... Muscatine
Collingwood, Jos. & Son, 110 So. Court (violins).. Ottumwa
Prescott, Henry (reeds for instruments) ..... Sac City

OILS AND GREASE (Includes lubricating oils, axle grease, linseed oil, etc.)
(Also refer to Rendering.)

Clinton Rendering Works ..... Clinton
Monarch Mfg. Co., 6th & 11th Ave. ..... Council Bluffs
Ankeny Linseed Mfg. Co., E. 3d & Market ..... Des Moines

Firms by Industrial Classification. Location

Oils and Greases—Continued.

Friction Proof Lubricant Co., 201 S. W. 2d ..... Des Moines
Jefferson Produce Co. ..... Jefferson
Hawkeye Rendering Co. ..... Marengo
Marshall Oil Co., 3d Ave. & May St. ..... Marshalltown
Mason City Oil & Grease Co., 202 So. Monroe .... Mason City
Stoessel Oil Works, 424 N. Madison ..... Ottumwa
American Linseed Co. ..... Sioux City
Transcontinental Oil Co. ..... Sioux City
Weber, John A. ..... Stacyville

OMNIGRAPHS

Omnigraph Co., 201 E. 5th ..... Des Moines

OPTICAL GOODS

Inskeep, C. Chambers Co., 222 So. 2d St. ..... Cedar Rapids
Iowa Optical Co. ..... Cedar Rapids
Riggs Optical Co., Box 298 ..... Cedar Rapids
Isbell Optical Co., 226 6th Ave. ..... Clinton
Johnson, Paul Optical Co., 218 Main St. ..... Davenport
Geneva Optical Co., 712-20 Equitable Bldg. ..... Des Moines
Merry Optical Co., 3d floor K. P. Block ..... Des Moines
Smith Optical Co., 21 E. State St. ..... Mason City
Blank Optical Co., 1st floor New Orpheum ..... Sioux City
Globe Optical Co., 406 Pierce ..... Sioux City
Riggs Optical Co. ..... Sioux City
Sioux City Optical Co., 526 5th ..... Sioux City

PAINT AND VARNISH

Witte, John H. & Sons, 206 Jefferson ..... Burlington
Elaterite Paint & Mfg. Co., The ..... Des Moines
Iowa Paint Mfg. Co., 830 11th Ave. So. ..... Ft. Dodge
Diamond Red Paint Co. ..... Sioux City

PAPER BALERS (See Balers)

PAPER AND WOOD PULP

Ford Mfg. Co., 5th & Jackson (L), Clinton ..... Building paper
Klein Paper Co., Clinton ..... Paper and paper boxes
Hinde & Dauch Paper Co., Hamilton & Occidental Sts., Ft. Madison ..... Corrugated fibre board shipping boxes
Wardway Paper Mills, Ft. Madison ..... Paper
Iowa Can Co., Keokuk ..... Fibre cans
Iowa Fibre Box Co., Keokuk..... Fibre containers
McFarland Paper Co., Not Inc., 217-19 Johnson St., Keokuk ..... Printing of wrapping paper
Cherry, J. G., Paper Filler & Egg Case Filler Factory, Tama ..... Paper fillers, egg case fillers
Weis, Henry, 719 Commercial, Waterloo ..... Egg case fillers

PASTE

Capital City Paste Co., 1112 Woodland ..... Des Moines

PATENT MEDICINES AND COMPOUNDS AND DRUGGISTS' PREPARATIONS

United Laboratories, Boone ..... Toilet articles, perfumes
Churchill Drug Co., 110 N. 4th, Burlington ..... Drug preparations
Howard-Holt Mfg. Co., Cedar Rapids ..... Hospital supplies, physicians' supplies
Severa Drug Co., 4th Ave. & 1st St., Cedar Rapids. Medicines, toilet articles

Firms by Industrial Classification.	Location
Patent Medicines, Etc.—Continued.	
Shores-Mueller Co., N. 16th & F Ave., Cedar Rapids	Medicines, toilet preparations
Wonder Dandruff Cure Co., Cedar Rapids	Dandruff remedies, cosmetics, face lotions
Dr. Eells Medicine Co., Centerville	Proprietary medicines
Pritchard Remedy Co., Cherokee	Proprietary medicines
Hawkeye Advertising Co., Clarinda	Medicinal and toilet articles
American Chemical Co., Council Bluffs	Chemicals
Iowa Soda Products Co., 29th St. & 1st Ave., Council Bluffs	Glauber's salts, sal soda
Wilson Chemical Co., 1216-1222 So. 6th, Council Bluffs	Disinfectants
Great Western Remedy Co., 308 E. 2d St., Davenport	Disinfectants, soaps, stock conditioners
American Drug & Press Assn., Decorah	Medicines and toilet preparations
Phoebe Lincoln Chemical Co., Decorah	Cosmetics and medicines
The Armand Co., 124 Des Moines St., Des Moines	Face powder
Barnett, L. J. Co., 206 Court Ave., Des Moines	Medicines
Chamberlain Medicine Co., Des Moines	Medicines, extracts
Elimino Medicine Co., 1332 26th, Des Moines	Medicines
Fitch, F. W., Co., 15th & Walnut, Des Moines	Perfumes, chemical preparations, hair tonic
Fox Chemical Co., 517 E. Grand Ave., Des Moines	Medicines, chemical preparations
Grace Medical Co., 807 Mulberry St., Des Moines	Medicinal and toilet preparations
Grenolo Mfg. Co., 308 E. 30th St., Des Moines	Toilet articles, barber supplies
Griswold Medical Co., 1217 24th St., Des Moines	Medicines
Hoover, Geo. D., Mfg. Pharm. (Inc.), 209 E. Locust, Des Moines	Medicinal preparations
Hoover Medicine Co., 805 Observatory Building, Des Moines	Medicines
Humane Remedy Co., 712 Park St., Des Moines	Medicines, medicinal preparations, stock remedies
Iowa Chemical Co., 1333 E. Grand, Des Moines	Chemical preparations, remedies
Leo, D. C. & Co., 124 Des Moines St., Des Moines	Medicines, cold tablets
Lichty, Norman, Medicine Co., 301 Clapp Block, Des Moines	Medicines
Manhattan Medicine Co., 3d & Locust, Des Moines	Patent medicines
Martin, J. E., Co., 1754 Capitol Ave., Des Moines	Face powder, etc.
Pearsall Mfg. Co., 2911 E. Grand Ave., Des Moines	Toilet articles, extracts, perfumes
Po-Ca-Ta-Lo-Medicine Co., 418 E. 5th, Des Moines	Patent medicines
Shreves, Dr., Remedy Co., 1533 E. Grand, Des Moines	Patent medicines
Standard Chemical Co., 1019-21 High St., Des Moines	Medicines, pharmaceuticals
Walker Chemical Co., 207 Euclid, Des Moines	Chemical preparations
Waterbury Chemical Co., E. 2nd & Locust, Des Moines	Medicines, chemical preparations

Firms by Industrial Classification. Location

Patent Medicines, Etc.—Continued.

Weeks, D. & Co., Inc., E. 1st & Court, Des Moines ..... Patent medicines
Midland Chemical Co., 170 Jones St., Dubuque.... Chemical disinfectants, soap, etc.
Men-Tho-Eze Co., The, 721½ Central Ave., Ft. Dodge ..... Patent medicines
Central Mfg. Co., 525 So. Gilbert, Iowa City ..... Medical preparations, perfumes
Ernste Mfg. Co., 314 E. Market, Iowa City ..... Toilet creams
Franklin-Price Co., Iowa City ..... Toilet preparations, perfumes, extracts, butter color
Baker, S. F. & Co., 20 So. 7th, Keokuk ..... Medicines, extracts, talcum powders
K. K. K. Medicine Co., 201 Main St., Keokuk..... Medicines, stock powder
Red Ball Mfg. Co., Madrid ..... Proprietary medicines
Marshalltown Laboratories, Marshalltown ..... Surgical dressings
Campholatum Company, 118 So. Delaware, Mason City ..... Drug specialties
Cochran Bros., 222 So. Market St., Ottumwa..... Barber supplies, tonics, creams
Elite Mfg. Co., 405 West 7th St., Sioux City ..... Barber supplies
Waterloo Chemical Works, Fairview Ave. & Park, Waterloo ..... Chemical preparations
C. A. Phenin Chemical Co., Waverly ..... Chemical preparations
Pacific Extract Co., Waverly ..... Extract
Scarless Remedy Co., Winterset ..... Medicines

PENS, FOUNTAIN

Shaeffer, W. A. Pen Co., 335 Front ..... Ft. Madison
General Mfg. Co., 3d & Park St. ..... Sioux City
Jiffy Pen Co., 406 Pierce St. ..... Sioux City
Evans Dollar Pen Co., 511 Lafayette ..... Waterloo

PERFUMERY AND COSMETICS, included in Patent Medicines and Compounds

PHOTOGRAPHIC APPARATUS AND MATERIALS

Kilborn Photo-Paper Co., 116 1st Ave. ..... Cedar Rapids
Salsbery, C. W. ..... Cherokee
Des Moines Slide Co., 301 Clapp Block ..... Des Moines

PIN SETTING MACHINES FOR BOWLING ALLEYS

Victor Pin Setter Co. ..... Rock Rapids

PISTONS, PISTON RINGS, PISTON INSERTERS, ETC. (Also see Foundry & Machine Products)

Iowa Cylinder & Piston Co. ..... Cedar Rapids
Reliance Ring Co. ..... Cedar Rapids
American Machine Products Co., 8th Ave. & Main St. ..... Marshalltown
Sioux City Welding & Machine Works, 201 5th.. Sioux City
Steam Tractor Auto & Mfg. Co., 219 West 7th.... Sioux City
Machmeier, Gus (piston inserters) ..... Tipton

PLUMBERS' SUPPLIES (See Foundry and Machine Products; Brass and Bronze Products)

Foster Brass Foundries ..... Cedar Rapids
Kretschmer Mfg. Co., 9th & Washington ..... Dubuque
McDonald, A. Y., Mfg. Co., 12th & Pine ..... Dubuque
Waterloo Mfg. Co., Commercial & Thompson Sts... Waterloo

Firms by Industrial Classification. Location

POTTERY AND CLAY NOVELTIES

Art Novelty Pottery (Wm. Raab, Prop.), 203 Utica St. ..... Waterloo

POULTERERS' SUPPLIES (See Dairymen's, Apiarists' and Poulterers' Supplies)

POULTRY AND PRODUCE

Central Iowa Poultry & Egg Co. ..... Atlantic
Swift & Company ..... Atlantic
Good, L. E., Poultry Co. ..... Bloomfield
Burlington Produce Co. ..... Burlington
Parrott, W. B., Produce & Poultry Co. ..... Carroll
Swift & Company ..... Clarinda
Clarion Produce Co. ..... Clarion
Swift & Company, 109 5th Ave. ..... Clinton
Nickles & Son ..... Corydon
Aaron Poultry & Egg Co. ..... Creston
Swift & Company ..... Creston
Nicholson Ice & Produce Co. ..... Denison
Swift & Company ..... Des Moines
Swift & Co., 200 So. Locust ..... Dubuque
Eldora Creamery Co. ..... Eldora
Whelan Produce Co. ..... Elma
H. O. Thero Produce Co. ..... Farmington
Loomis, A. R. & Son ..... Ft. Dodge
Nicholson, G. W., Co. ..... Grand Junction
Humphrey, J. L., Jr. ..... Humeston
Old Colony Creamery ..... Humeston
Independence Produce Co. ..... Independence
Shannon, J. A., & Son ..... Iowa Falls
Swift & Company ..... Iowa Falls
Swift & Company, 4th & Exchange ..... Keokuk
Aaron Poultry & Egg Co. ..... Leon
Baird, A., & Co. ..... Lohrville
Malvern Cold Storage Co. ..... Malvern
Lovett & Davis Produce Co. ..... Manchester
Manning Produce Co. ..... Manning
Marshalltown Produce Co. ..... Marshalltown
Higley, E. B. & Co., 409 So. Federal ..... Mason City
Higgins Packing Co. ..... Missouri Valley
Valley Poultry Co. ..... Missouri Valley
Younkin Produce Co. ..... Missouri Valley
Sunlight Produce Co. ..... Mt. Pleasant
Swift & Company ..... Muscatine
Newton Produce Co. ..... Newton
Cedar Valley Produce Co. ..... Osage
Osceola Produce Co., (Geo. M. Griffin Co.) ..... Osceola
Rhynsburger, H. S., 221 1st East ..... Oskaloosa
Swift & Company, 219 So. Union ..... Ottumwa
Wilson & Company ..... Ottumwa
Iowa Creamery Co. ..... Oxford Junction
Fosse, L. T. ..... Ridgeway
Rock Rapids Creamery Co. ..... Rock Rapids
Loomis & Son (Headq. at Ft. Dodge, Ia.) ..... Rockwell City
Johannes & Sellers Produce Co. ..... Sibley
Spencer Dairy Produce Co. ..... Spencer
Western Packing Co. ..... Spirit Lake
Goodrich, M. J. ..... Strawberry Point
Strawberry Point Farmers Com. Co. ..... Strawberry Point
Swift & Company ..... Stuart
Tipton Produce Packing Co. ..... Tipton

Firms by Industrial Classification. Location

Poultry and Produce—Continued.

Fowler & Sons ..... Vinton
Swift & Company, 90 Sycamore ..... Waterloo
Reisman, S. E., Produce Co. ..... What Cheer

POULTRY REMEDIES (See Remedies, Stock and Poultry.)

POWER TRANSMISSION MACHINERY, PULLEYS, COUPLINGS, ETC. (Also see Foundry and Machine Products.)

Algona Mfg. Co. ..... Algona
Davenport Machinery & Foundry Co., 1618-44 West 4th St. ..... Davenport
Iowa Machinery & Supply Co., 317 Court Ave. .... Des Moines

PRESSURE GAUGES

Marshalltown Mfg. Co., 110-12 So. 8th ..... Marshalltown

PRINTER ROLLERS

Bingham's Samuel, Son Mfg. Co., 5th & School Sts.. Des Moines

PRINTING INK

Capital Printing Ink. Co., 416 West 4th..... Des Moines

PRINTING PRESSES

Vaughan Mfg. Co., 800 Commercial ..... Waterloo

PRINTING AND PUBLISHING

Adair News ..... Adair
Dallas County Record ..... Adel
News Publishing Co. ..... Adel
Star Enterprise ..... Afton
Register-Tribune ..... Akron
Albert City Appeal ..... Albert City
Albia Union ..... Albia
Monroe County News ..... Albia
Republican Publishing Co. ..... Albia
Advance Publishing Co. ..... Algona
Upper Des Moines Republican ..... Algona
Allerton News ..... Allerton
Allison Tribune ..... Allison
Alta Advertiser ..... Alta
Alton Democrat ..... Alton
Altoona Herald ..... Altoona
The Alvord Register ..... Alvord
Ames Daily Tribune ..... Ames
Anamosa Eureka ..... Anamosa
Anamosa Journal ..... Anamosa
Anita Record ..... Anita
Anita Tribune Publishing Co. ..... Anita
Ankeny Times ..... Ankeny
Anthon Herald ..... Anthon
Arlington Printing Co. ..... Arlington
Armstrong Journal ..... Armstrong
Ashton Leader ..... Ashton
News Publishing Co. ..... Atlantic
Auburn Recorder, The ..... Auburn
Audubon Advocate ..... Audubon
Audubon Republican ..... Audubon
Aurelia Sentinel ..... Aurelia
Aurora Observer ..... Aurora
The Journal Herald ..... Avoca

Firms by Industrial Classification.	Location
Printing and Publishing—Continued.	
Ayrshire Chronicle	Ayrshire
Bancroft Register	Bancroft
The News	Batavia
Battle Creek Times	Battle Creek
The New Era	Baxter
Bedford Free Press	Bedford
Times Republican	Bedford
Belle Plaine Gazette	Belle Plaine
Belle Plaine Union Herald	Belle Plaine
Bellevue Herald	Bellevue
Bellevue Leader	Bellevue
Belmond Printing & Publishing Co.	Belmond
The Enterprise	Birmingham
Blakesburg Excelsior	Blakesburg
State Line Herald	Blanchard
Blockton News	Blockton
Bloomfield Democrat	Bloomfield
Davis County Republican	Bloomfield
Bode Bugle	Bode
The Record	Bonaparte
Boone Democrat Publishing Co., 717 Arden St.	Boone
Boone News-Republican, 812-14 Keeler	Boone
Independent Publishing Co., 810 Story	Boone
Boyden Reporter	Boyden
The Enterprise	Braddyville
Breda News	Breda
Bridgewater Times	Bridgewater
Brighton Enterprise	Brighton
Britt News-Tribune	Britt
Brooklyn Chronicle	Brooklyn
Buffalo Center Tribune	Buffalo Center
Burlington Daily Gazette, 320 N. Main	Burlington
Burlington Hawkeye, 114 Jefferson	Burlington
Burt Monitor	Burt
Bussey Record	Bussey
Calmar Courier	Calmar
Cambridge Leader	Cambridge
The Carroll Herald	Carroll
Demokrat Printing Co.	Carroll
Times Printing Co.	Carroll
Weeks, F. G.	Carson
Cascade Pioneer	Cascade
Casey Vindicator	Casey
Castana Times	Castana
Cedar Falls Record	Cedar Falls
The Danevirke	Cedar Falls
The Gazette Co., 85-89 1st Ave.	Cedar Rapids
Hansen, N. Fr., Publ. Co., 412-416 1st Ave.	Cedar Rapids
Iowa Printing Co., 1123 So. 3d St.	Cedar Rapids
Laurance Press Co., 414 1st Ave.	Cedar Rapids
Letovsky & Son, 418 1st Ave.	Cedar Rapids
Republican Printing Co., 382 So. 3d	Cedar Rapids
Tribune Publishing Co., 210 3d Ave.	Cedar Rapids
Center Point Independent	Center Point
Centerville Journal	Centerville
Iowegian Printing Co.	Centerville
Central City News Letter	Central City
Chariton Leader	Chariton
Chariton Publishing Co.	Chariton
Charles City Daily Press	Charles City

Firms by Industrial Classification.	Location
Printing and Publishing—Continued.	
The Daily News	Charles City
Familian Freund	Charles City
Gault, Andrew W.	Charlotte
Charter Oak Times	Charter Oak
Cherokee Democrat	Cherokee
Times Publishing Co. (The Cherokee Times)	Cherokee
Churdan Reporter	Churdan
The Review	Cincinnati
Clarence Sun	Clarence
Clarinda Journal	Clarinda
Clarinda Printing Co. (The Herald)	Clarinda
Page County Democrat	Clarinda
The Clipper, Inc.	Clarion
Wright County Monitor	Clarion
Clarksville Star	Clarksville
Clearfield Enterprise	Clearfield
Clear Lake Mirror	Clear Lake
Clear Lake Reporter	Clear Lake
Clermont Enterprise	Clermont
Advertiser Publishing Co., 228-230 6th Ave.	Clinton
Clinton County Advocate, 300 Main (L)	Clinton
Clinton Herald Co., 221 6th Ave.	Clinton
Clinton Journal	Clinton
Iowa Volks Zeitung, 132 4th Ave.	Clinton
Merry War Printing Co., 212 7th Ave.	Clinton
Coggon Monitor	Coggon
Coin Gazette	Coin
Colfax Tribune	Colfax
Current Press	College Springs
Collins Gazette	Collins
Columbus Gazette	Columbus Junction
Columbus Safeguard	Columbus Junction
Conrad Record	Conrad
Conway Record	Conway
Coon Rapids Enterprise	Coon Rapids
Free Press Publishing Co.	Corning
Union-Republican Publishing Co.	Corning
Correctionville News	Correctionville
Corwith Hustler	Corwith
Times-Republican	Corydon
Wayne County Democrat	Corydon
New Nonpareil Co., 109-111 Pearl St.	Council Bluffs
Craig Independent	Craig
Howard County Times	Cresco
Mead Publishing Co.	Cresco
Burt & Keck	Creston
Creston Advertiser Gazette	Creston
Cumberland Enterprise	Cumberland
Dallas Center Times	Dallas Center
Danbury Review	Danbury
Catholic Messenger, 421 Brady St.	Davenport
Democrat Publishing Co., 216 Main St.	Davenport
Hawkeye Press, 121 E. 3d St.	Davenport
Iowa Reform, 524-525 West 2nd St.	Davenport
Purcell Printing Co., 214 E. 3d St.	Davenport
Times Company, The, 124 E. 2nd St.	Davenport
Trident Publishing Co.	Davenport
Dayton Review	Dayton
Decorah Journal	Decorah
Decorah Posten (Norwegian)	Decorah

Firms by Industrial Classification.	Location
Printing and Publishing—Continued.	
Decorah Republican	Decorah
Lutheran Publishing House	Decorah
Public Opinion	Decorah
Delta Press	Delta
The Record	Deep River
Defiance Independent	Defiance
Denison Bulletin	Denison
Review Publishing Co.	Denison
Christian News, 1225 25th	Des Moines
Des Moines Capital, 708-710 Walnut	Des Moines
Des Moines News Co., 211 7th St.	Des Moines
Doty Publishing Co., 3d & Chestnut	Des Moines
Homestead Company, 19th & Grand	Des Moines
The Iowa Farmer & Corn Belt Farmer	Des Moines
Merchants Trade Journal Inc., 725 Grand Ave.	Des Moines
National Printing & Democrat Co., No. 6, Watrous Block	Des Moines
Park Ave. News, 3138 S. W. 9th	Des Moines
Peoples' Popular Monthly Co., 2nd & Center Sts.	Des Moines
Northwestern Banker, 7th & High	Des Moines
Successful Farming Pub. Co., 1718 Locust	Des Moines
Register-Tribune Co., 715 Locust	Des Moines
Wallace Publishing Co., 11th & Walnut	Des Moines
De Witt Observer	De Witt
Dexter Sentinel	Dexter
Hardie, M. S., 517 Locust	Dubuque
The Labor Leader, 153 6th	Dubuque
Diagonal Reporter	Diagonal
Dike New Era	Dike
Donnellson Review	Donnellson
Dougherty World	Dougherty
Doon Press	Doon
Dow City Reporter	Dow City
Dows Advocate	Dows
Catholic Printing Co., 295 6th St.	Dubuque
Enterprise Printing Co., 2146 Couler Ave.	Dubuque
Telegraph-Herald Co., 5th & Main	Dubuque
Times-Journal Co., 448 Main	Dubuque
Dumont Journal	Dumont
Duncombe Tribune	Duncombe
Dunlap Reporter	Dunlap
Durant Star	Durant
Dyersville Commercial	Dyersville
Dysart Reporter	Dysart
Eagle Grove Eagle	Eagle Grove
Times-Gazette	Eagle Grove
Earlham Echo	Earlham
Earlville Phoenix	Earlville
Early News	Early
Eddyville Tribune	Eddyville
Edgewood Journal	Edgewood
Eldon Forum	Eldon
Eldora Herald	Eldora
Hardin County Ledger	Eldora
Elgin Echo	Elgin
Clayton County Democrat	Elkader
Elkader Register	Elkader
Elliott Graphic	Elliott
Ellsworth News	Ellsworth
Elma New Era	Elma

Firms by Industrial Classification. Location

Printing and Publishing—Continued.

Chronicle Printing Co. ..... Emerson
Emmetsburg Democrat ..... Emmetsburg
Palo Alto Reporter ..... Emmetsburg
Palo Alto Tribune ..... Emmetsburg
The Independent ..... Essex
Estherville Enterprise ..... Estherville
Vindicator & Republican Co. ..... Estherville
Audubon County Journal ..... Exira
Fairbank View ..... Fairbank
Ledger-Journal Printing Co. ..... Fairfield
The Tribune ..... Fairfield
The Advertiser ..... Farley
News-Republican ..... Farmington
Farnhamville Index ..... Farnhamville
Hathaway & Griffith ..... Fayette
Fonda Times ..... Fonda
Fontanelle Observer ..... Fontanelle
The Independent ..... Forest City
Summit Printing Co. ..... Forest City
Winnebago County Republican ..... Forest City
Messenger Printing Co., 713 Central Ave. ..... Ft. Dodge
The Democrat Co., 602 2nd ..... Ft. Madison
Fredericksburg News ..... Fredericksburg
Fremont Gazette ..... Fremont
The Tribune ..... Galva
Garnavillo Tribune ..... Garnavillo
Garner Signal ..... Garner
Hancock County Democrat ..... Garner
Garwin Record ..... Garwin
Lyon County News ..... George
Gilman Dispatch ..... Gilman
Tama Northern ..... Gladbrook
Glenwood Opinion ..... Glenwood
Mills County Tribune ..... Glenwood
Glidden Graphic ..... Glidden
Goldfield Chronicle ..... Goldfield
Gowrie News ..... Gowrie
Graettinger Times ..... Graettinger
Grand Junction Globe ..... Grand Junction
Greely Printing Co. ..... Grand River
Gravity Independent ..... Gravity
Home Press ..... Greeley
Ingalls & Mahnke (The Iowa Recorder) ..... Greene
Adair County Free Press ..... Greenfield
Grinnell Herald ..... Grinnell
Grinnell Register Co. ..... Grinnell
Griswold American ..... Griswold
Grundy Dispatch ..... Grundy Center
Grundy Republican ..... Grundy Center
Grisell's, A. H. Sons (The Guthrian) ..... Guthrie Center
Stoy, H. W. & Son (The Times) ..... Guthrie Center
Hamburg Reporter ..... Hamburg
Hamburg Republican ..... Hamburg
Franklin County Recorder ..... Hampton
Purcell Printing Co. ..... Hampton
Campbell Printing Co. ..... Harlan
Danish Watchman ..... Harlan
Shelby County Republican ..... Harlan
The Vaegteren ..... Harlan
Hartley Sentinel, The ..... Hartley

Firms by Industrial Classification.	Location
Printing and Publishing—Continued.	
Hawarden Chronicle	Hawarden
Hawarden Independent	Hawarden
Hawkeye Beacon	Hawkeye
Hedrick Journal	Hedrick
The Advance	Holstein
Hopkinton Leader	Hopkinton
Hospers Tribune	Hospers
Mid-Week Review, The	Hubbard
Hudson Herald	Hudson
The Hull Index	Hull
Humboldt Independent	Humboldt
Humboldt Republican	Humboldt
Ida County Pioneer	Ida Grove
Ida Grove Record-Era	Ida Grove
Bulletin-Journal, The	Independence
Independence Conservative	Independence
Advocate Tribune	Indianola
Indianola Herald Publishing Co.	Indianola
Indianola Record	Indianola
Herald Printing Co.	Inwood
Citizen Printing House, 23 E. Washington	Iowa City
Iowa City Daily Press, 222 E. College	Iowa City
Plum-Brant Co., 11-13 E. College	Iowa City
Hardin County Citizen	Iowa Falls
Iowa Falls Sentinel	Iowa Falls
Ireton Weekly Ledger	Ireton
Jamaica Journal	Jamaica
Bee Publishing Co.	Jefferson
The Herald	Jefferson
Place Printing Co.	Jesup
The Jewell Record	Jewell
Kalona News	Kalona
Kanawha Reporter	Kanawha
Kellerton Globe	Kellerton
Gate City & Constitution Democrat	Keokuk
Rowley & Landes (Keosauqua Republican)	Keosauqua
State Line Democrat	Keosauqua
Keota Eagle	Keota
Keswick Leader	Keswick
Harding Printing Co.	Keystone
Kimballton-Elk Horn Record	Kimballton
Kingsley News-Times	Kingsley
Klemme Times	Klemme
Curtis & Gilson	Knoxville
Knoxville Express	Knoxville
Lacona Ledger	Lacona
Lake City Graphic	Lake City
Lake City News	Lake City
Lake Mills Graphic	Lake Mills
Lake Park News	Lake Park
Lake View Resort	Lake View
Germania Record	Lakota
Lamoni Chronicle (Blair Printing Co.)	Lamoni
La Motte News	La Motte
Lanesboro Topic	Lanesboro
Allamakee Journal	Lansing
Progress-Review	La Porte City
Larchwood Leader	Larchwood
Sun Printing House	Laurens
The Dispatch	Lawler

Firms by Industrial Classification.	Location
Printing and Publishing—Continued.	
Le Grand Publishing Co.	Le Grand
Lehigh Valley Argus	Lehigh
Plymouth Printing Co.	Le Mars
Lenox Time Table	Lenox
Decatur County Journal	Leon
Leon Reporter	Leon
Letts Record	Letts
Lime Springs Sun-Herald	Lime Springs
Austin, C. G.	Lineville
Linn Grove Independent	Linn Grove
Lisbon Herald	Lisbon
Little Rock Free Lance	Little Rock
Little Sioux Hustler	Little Sioux
Livermore Gazette	Livermore
Harrison County Democrat	Logan
Logan Observer	Logan
Lohrville Enterprise	Lohrville
Lone Tree Reporter	Lone Tree
Lorimor Journal	Lorimor
Lost Nation Press	Lost Nation
Lovilia Press	Lovilia
Lowden News	Lowden
Des Moines Valley News	Lu Verne
Lytton Star	Lytton
North Iowa Times	McGregor
Botna Valley News	Macedonia
Western Printing Co.	Madrid
Malcom Leader	Malcom
Mallard Independent	Mallard
Malvern Leader	Malvern
Manchester Democrat	Manchester
Manchester Press	Manchester
Enterprise Publishing House	Manilla
Manly Signal	Manly
The Monitor Publishing Co.	Manning
Manson Democrat (The Dalton Press)	Manson
Manson Journal (Tom D. Long)	Manson
Mapleton Press	Mapleton
Excelsior-Record, The	Maquoketa
Grant Printing Co.	Maquoketa
Swigart Publishing Co. (Jackson Sentinel)	Maquoketa
Marathon Republic	Marathon
Marble Rock Journal	Marble Rock
Marcus News	Marcus
Marengo Republican	Marengo
Marengo Sentinel & Democrat	Marengo
Marion Sentinel	Marion
Herald Printing Co.	Marshalltown
The Marshalltonian, 103 E. Church St.	Marshalltown
Times-Republican Printing Co., 19-21 So. Center	Marshalltown
Globe-Gazette Printing Co., 132 E. 5th	Mason City
Republican Printing Co.	Mason City
Massena Echo	Massena
Shepherd Publishing Co.	Maxwell
Pioneer Press, The	Mechanicsville
Mediapolis New Era News	Mediapolis
Melbourne Record	Melbourne
Menlo Journal	Menlo
Merrill Record	Merrill
Meservey Register	Meservey

Firms by Industrial Classification.	Location
Printing and Publishing—Continued.	
Milford Mail	Milford
Milton Herald	Milton
Minden News	Minden
Harrison County News	Missouri Valley
Missouri Valley Times	Missouri Valley
Mitchellville Index	Mitchellville
Mondamin Enterprise	Mondamin
Monona Leader	Monona
Monroe Mirror	Monroe
Montezuma Republican	Montezuma
Poweshiek County Palladium	Montezuma
Monticello Express	Monticello
Moorhead Times	Moorhead
Moravia Union	Moravia
News-Herald, The	Morning Sun
Jones County Times	Monticello
Weekly Tribune	Moulton
Mt. Ayr Journal	Mt. Ayr
Mt. Ayr Record-News	Mt. Ayr
Mt. Pleasant Free Press	Mt. Pleasant
Mt. Pleasant News	Mt. Pleasant
Mt. Vernon Hawkeye	Mt. Vernon
Mt. Vernon Record	Mt. Vernon
Moville Mail	Moville
Journal Printing Co., 303 E. 3d St.	Muscatine
Muscatine Herald, 217 W. 2nd	Muscatine
Record Printing Co., 214-16 Chestnut	Muscatine
Toms, Francis E. Co., 122-24 West 3d	Muscatine
The Letter-Telegram Printing Co.	Mystic
Nashua Reporter	Nashua
Neola Gazette-Reporter	Neola
Nevada Evening Journal	Nevada
Nevada Representative	Nevada
Newell Mirror	Newell
Newhall News	Newhall
Crawford, W. N.	New Hampton
Feuling, E. J.	New Hampton
New Hartford Review	New Hartford
New London Journal	New London
New Market Herald	New Market
Star Printing Co.	New Sharon
Newton Daily News	Newton
Newton Record	Newton
The New Virginian	New Virginia
Nora Springs Advertiser	Nora Springs
North English Record	North English
Northwood Anchor	Northwood
Worth County Index	Northwood
Benton County Star	Norway
Oakland Acorn	Oakland
Oakville Sentinel	Oakville
Ocheyedan Press	Ocheyedan
The Chronicle	Odebolt
Odebolt News & Publishing Co.	Odebolt
The Iowan Co.	Oelwein
Hoyer & Robinson (Oelwein Register)	Oelwein
Sund, Carl	Ogden
The Recorder	Olin
The Ollie News	Ollie
Onawa Democrat	Onawa

Firms by Industrial Classification.	Location
Printing and Publishing—Continued.	
Onawa Sentinel	Onawa
Sioux County Herald	Orange City
Volksvriend (Hollandish)	Orange City
Hill, H. Clinton	Osage
Osage News	Osage
Wolverton Printing & Publishing Co.	Osage
Osceola Sentinel	Osceola
Osceola Tribune	Osceola
Oskaloosa Herald Co., 123 N. Market	Oskaloosa
Shockley Bros. & Cook, 214 1st Ave. E.	Oskaloosa
Times Publishing Co., 114 1st Ave. W.	Oskaloosa
Ossian Bee	Ossian
Courier Printing Co., 117-119 E. 2nd	Ottumwa
Ottumwa Review, 123 W. 2nd	Ottumwa
Oxford Leader	Oxford
Oxford Mirror	Oxford Junction
The Press	Palmer
Guthrie County Vidette	Panora
Parkersburg Eclipse	Parkersburg
Paullina Times	Paullina
Pella Booster	Pella
Pella Week Blad	Pella
Sadler Bros. & Co.	Pella
Chief Printing Co.	Perry
Perry Tribune	Perry
Persia Globe	Persia
Peterson Patriot	Peterson
Pierson Progress	Pierson
Marion County News	Pleasantville
Pocahontas Democrat	Pocahontas
Pocahontas Record	Pocahontas
Pomeroy Herald	Pomeroy
Postville Herald	Postville
Prairie City News	Prairie City
Prescott Argus	Prescott
O'Brien County Bell	Primghar
Primghar American	Primghar
Land Buyers' Bulletin	Pulaski
Radcliffe Signal	Radcliffe
Rake Register	Rake
Redfield Review	Redfield
Red Oak Sun, 418 Reed St.	Red Oak
Red Oak Express, 408 Coolbaugh St.	Red Oak
Reinbeck Courier	Reinbeck
Remsen Bell Enterprise	Remsen
Renwick Times	Renwick
Rhodes Tribune	Rhodes
Riceville Recorder	Riceville
The Clarion	Richland
Ringsted Dispatch	Ringsted
Rippey Booster	Rippey
Riverside Leader	Riverside
Rockford Register	Rockford
The Reporter	Rock Rapids
The Review	Rock Rapids
Rock Valley Bee	Rock Valley
The Advocate, Inc.	Rockwell City
Calhoun County Republican	Rockwell City
Roland Record	Roland
Bruce Printing Co.	Rolfe

Firms by Industrial Classification.	Location
Printing and Publishing—Continued.	
Royal Banner	Royal
Rudd Review	Rudd
Russell Union	Russell
Free Press	Ruthven
Ryan Reporter	Ryan
Sabula Gazette	Sabula
Sac City Bulletin	Sac City
Sac Sun	Sac City
The Enterprise	St. Ansgar
St. Charles News	St. Charles
Salem News	Salem
Sanborn Pioneer	Sanborn
Schaller Herald	Schaller
Scranton Journal	Scranton
Schleswig Leader	Schleswig
Seymour Democrat	Seymour
Seymour Leader	Seymour
Hurd of Sharpsburg	Sharpsburg
Shelby News	Shelby
Thrift Publishing Co.	Sheldahl
Sheldon Mail	Sheldon
The Sheldon Sun	Sheldon
Shellsburg Advance	Shellsburg
Shell Rock News	Shell Rock
Sentinel-Post Co.	Shenandoah
Shenandoah World (World Publishing Co.)	Shenandoah
Osceola County Tribune	Sibley
Sibley Gazette	Sibley
Fremont County Herald	Sidney
Keokuk County News	Sigourney
Needham, W. H., Co.	Sigourney
Sigourney Review	Sigourney
Silver City Times	Silver City
Brandes, H.	Sioux Center
Bastian, Wm. H., 410-412 5th St.	Sioux City
Farmer & Breeder	Sioux City
Live Stock Record	Sioux City
Perkins Bros. Co., 413-15 Douglas	Sioux City
Sioux City Printing Co., 304 Pierce	Sioux City
Sioux City Stylus	Sioux City
Sioux City Volksfreund, 210 W. 7th	Sioux City
Star Printing Co., 322 4th	Sioux City
Swedish Monitor Publishing Co.	Sioux City
Tribune Co., The, 304 Pierce	Sioux City
Union Advocate	Sioux City
Ryder-Sherman Printing Co.	Sioux Rapids
Slater News	Slater
The Solon News	Solon
Breeders' Journal	Spencer
Spirit Lake Beacon	Spirit Lake
The New Era	Springville
Stacyville Monitor	Stacyville
Stanton Call	Stanton
The Stanwood Herald	Stanwood
The Enterprise	State Center
Storm Lake Pilot Tribune	Storm Lake
Storm Lake Register	Storm Lake
Story City Herald	Story City
Courier Publishing Co.	Stratford
The Mail Press	Strawberry Point

Firms by Industrial Classification.	Location
Printing and Publishing—Continued.	
Moulton & Trevillyan (Stuart Herald)	Stuart
Gazette Publishing Co.	Sumner
Slick & McFarland	Sutherland
Sperbeck Printing Co.	Swea City
Tabor Beacon	Tabor
Tama Herald	Tama
Tama News	Tama
Terrill Tribune	Terrill
Thompson Courier	Thompson
Thornton Enterprise	Thornton
Thurman Times	Thurman
Tingley Vindicator	Tingley
The Advertiser	Tipton
The Tipton Conservative	Tipton
Titonka Topic	Titonka
Chronicle, The	Toledo
Tama County Democrat	Toledo
Farm & Real Estate Journal	Traer
Star Clipper	Traer
Treynor Record	Treynor
Tripoli Leader	Tripoli
The Union Star	Union
Ute Independent	Ute
Vail Observer	Vail
Valley Express	Valley Junction
Van Horn Record	Van Horn
Villisca Review & Letter	Villisca
Wallace, T. E.	Villisca
Cedar Valley Times	Vinton
Vinton Eagle	Vinton
Vinton Review	Vinton
Walker News	Walker
Wall Lake Blade	Wall Lake
Wapello Republican	Wapello
Wapello Tribune	Wapello
Evening Journal	Washington
Washington Democrat	Washington
Washta Journal	Washta
Hartman, W. H. & Co. (The Courier), 209-213 W. Park Ave.	Waterloo
Kimball, Fred L., Co., 411 Commercial	Waterloo
Parrott, Matt & Sons Co., Sycamore and East Park Ave.	Waterloo
Stewart-Simmons Press, 714-16 Jefferson	Waterloo
Waterloo Times-Tribune Co., 502 Sycamore	Waterloo
Waucoma Sentinel	Waucoma
Waukon Democrat	Waukon
Waukon Standard	Waukon
Independent Republican	Waverly
Waverly Democrat	Waverly
Wartburg Publishing House	Waverly
Waverly Phoenix	Waverly
Wayland News	Wayland
Freeman-Journal Publishing Co.	Webster City
Hahne Printing Co.	Webster City
Wellman Advance	Wellman
Wellsburg Herald	Wellsburg
Wesley News World	Wesley
West Branch Times	West Branch

Firms by Industrial Classification.	Location
Printing and Publishing—Continued.	
Index Printing Co.	West Liberty
West Side Journal	West Side
West Point Bee	West Point
The Argo-Gazette	West Union
Fayette County Union	West Union
What Cheer Chronicle	What Cheer
What Cheer Printing Co.	What Cheer
Wheatland Gazette	Wheatland
Whittemore Champion	Whittemore
Williams Enterprise	Williams
Advocate-Review	Wilton
Winterset Madisonian	Winterset
Winterset News	Winterset
Winthrop News	Winthrop
Twiner Publishing Co.	Woodbine
Woodward Enterprise	Woodward
Wyoming Journal	Wyoming
PRINTING (Job)	
King, Wm. L.	Ames
Metropolitan Supply Co.	Anamosa
Hawkeye Printing Co.	Atlantic
Boone Blank Book Co., 528 Story	Boone
Holcomb Printing Co., 716 Keeler	Boone
Standard Printing Co., 814½ Story	Boone
Bristow Printing Co.	Brighton
Acres, Blackmar & Co., 312-314 N. Main	Burlington
Lutz, Conrad & Son, 133 So. 3d	Burlington
McMullin & Woelhaf, 208 No. 5th St.	Burlington
Riverside Printing Co., 108 N. Main	Burlington
Madigan, Ed	Cedar Falls
Woolverton Printing Co.	Cedar Falls
Cedar Rapids Printing Co.	Cedar Rapids
Educational Supplies Co.	Cedar Rapids
Goodyear-Marshall Pub. Co., 401 Mullin Bldg.	Cedar Rapids
LeFebure Ledger Co., 2d Ave. West	Cedar Rapids
Lilly Printing Co., 125 No. 3d St.	Cedar Rapids
Metcalf, T. S., 109-111 So. 2d St.	Cedar Rapids
Record Press Co., 115 E Ave. W.	Cedar Rapids
Russell's Railway Guide Co., 817 2d Ave.	Cedar Rapids
Star Printing Co., 125 3d Ave.	Cedar Rapids
Torch Press, 4th Ave. & 3d St.	Cedar Rapids
Wingert-Leefers, 3d floor Mullin Bldg.	Cedar Rapids
Torrence Printing Co.	Charles City
Allen Printing Co., 135 5th	Clinton
Franklin Press, 306 North 3d	Clinton
Iowa Printing Co., 123 6th Ave.	Clinton
McLane, T. I., Printing Co.,224 6th	Clinton
Pinney, Alvin E., Printing Co.	Clinton
Ainsworth, F. J., Co., 107 Pearl St.	Council Bluffs
Franklin Printing House, 35 So. 4th St.	Council Bluffs
Gardner Press, 503 1st Ave.	Council Bluffs
Monarch Printing Co., 4th St. & Broadway	Council Bluffs
Morrison Printing Co.	Creston
Dow, J. W. & Son, 411 Perry St.	Davenport
Economy Printing Co., 109 West 4th St.	Davenport
Fidlar & Chambers, 118-120 E. 4th St.	Davenport
Gorman, S. & Son, 118 West 6th St.	Davenport
Greyhound Press	Davenport

Firms by Industrial Classification. Location

Printing (Job)—Continued.

Le Claire-King Co., 310 E. 4th St. .....Davenport
Lemm, H. J., 1107-1109 West 3d St. .....Davenport
McArthur Loose Leaf Book Concern, 315½ West 4th St. .....Davenport
Monarch Press & Stationery Shop, 309 Whitaker Bldg. .....Davenport
Reid, Mohr & Kloppenburg Co., 322 Harrison St...Davenport
Tri-City Lithographing Co., 617 Marquette St.....Davenport
Wagner's Printery Co., 315-17 West 4th .....Davenport
Advance Printing Co., 519 E. Grand .....Des Moines
American Lithographing & Printing Co., 414 4th..Des Moines
Bankers & Merchants Calendar Corp., 514 8th..Des Moines
Bankers Printing Co., 512 6th Ave. .....Des Moines
Bishard Brothers, 522 E. Walnut St. .....Des Moines
The Bystander, Printers, over 201 7th .....Des Moines
Campbell Printing Co., 915-917 Walnut .....Des Moines
Century Printing Co., 323 Locust St. .....Des Moines
Central Press, 419 Locust St. .....Des Moines
Commercial Printing Co., 407 4th St. .....Des Moines
Complete Bookkeeper Co., 107 7th.....Des Moines
Couch-Hilliker Press, 511 Mulberry .....Des Moines
Des Moines Printing Co., 605 E. Locust .....Des Moines
Evans, E. E., Printing Co., 2d floor Watrous Blk..Des Moines
Federal Printing Co., 215 4th .....Des Moines
Globe Publishing Co., 108 7th .....Des Moines
Heilhecker Printing Co., 707 Locust St. .....Des Moines
Holley, L. W. & Son, E. 1st & Grand Ave. .....Des Moines
Homestead Company, 19th & Grand .....Des Moines
Iowa Lithographing Co., 707 Locust .....Des Moines
Iowa Printing & Supply Co., 509 Mulberry .....Des Moines
Kenyon Co., The, 305 Grand Ave. .....Des Moines
Koch Bros., Co., 319 Locust .....Des Moines
Le Febure Index Co., 301 4th .....Des Moines
Legg Printing Co., 203 E. Locust .....Des Moines
McAndrew Printing Co., 613 Grand .....Des Moines
Maynard Printing Co., 612 Mulberry .....Des Moines
Miles-Bratton (Inc.), 118 8th St. .....Des Moines
Moon, D. E., Printing & Engraving Co., 702 Mulberry St. .....Des Moines
O'Donnell Printing Co., 3rd & Grand Ave. .....Des Moines
Printcraft Shop, 720 Douglas Ave. .....Des Moines
Smith, Carl K., Press, 807 Walnut St. .....Des Moines
Smith & Smith Printing Co., 316 Locust .....Des Moines
Spencer-Williamson Pr. Co., 216 Davidson Bldg...Des Moines
Standard Printing Co., 1017 Walnut .....Des Moines
Stephenson, Geo. W., Printing Co., 618 E. Locust..Des Moines
Talbott-Eno Co., 407 5th St. .....Des Moines
University Press, 419 4th St. (upstairs) .....Des Moines
Welch, J. H., Printing Co., Inc., 1313 Locust St...Des Moines
Benedict's Printery .....De Witt
Hoerman Press, 8th St. .....Dubuque
Mathis-Metz Co., 6th & Locust .....Dubuque
National Hotel Register Co., 465 Main .....Dubuque
Pauly Printing Co., 143 5th St. .....Dubuque
Times Hotel Register Co., 448 Main .....Dubuque
Union Printing Co., 158 5th St. .....Dubuque
Wnorowski, B. F. .....Fairfield
Independent Printing Co., 18 N. 7th .....Ft. Dodge
Walterick Printing Co. .....Ft. Dodge

Firms by Industrial Classification.	Location
Printing (Job)—Continued.	
Ward, F. E., Printing Co.	Ft. Dodge
Dodd Printing Co., 114 Market	Ft. Madison
Raymond, E. W.	Independence
Athens Print Shop	Iowa City
Chestnut Printing Co.	Iowa City
Commercial Print Shop, 26½ So. Clinton	Iowa City
Economy Advertising Co., 224 E. Washington	Iowa City
Iowa Printing Co.	Iowa City
McFarland Paper Co., Not Inc., 217-19 Johnson (Printed wrapping paper)	Keokuk
Rees, Wm. & Co., 21 So. 5th	Keokuk
Leake Printing Co., 801-803 Main	Keokuk
Lutz & Stahl, 111 No. 5th	Keokuk
Widman, J. F. & Sons	McGregor
Model Printing Co.	Manchester
Acme Printing Co., 22 No. Center	Marshalltown
Austin, Edward T., 14 So. 1st	Marshalltown
Marshall Printing Co.	Marshalltown
Miller, Hamlin B. & Son, 18 So. 1st St.	Marshalltown
Seleine, Emil, 1 So. Center	Marshalltown
Central Printing & Engraving Co.	Mason City
Le Mars Printing Co., 115-117 So. Michigan	Mason City
Shipley, Clinton P., corner Federal and 1st N. E.	Mason City
Klaffenbach Bros., 205 E. 2d	Muscatine
Weis-Healy, Hershey Bldg.	Muscatine
Babcock Bros.	New Hampton
Allen Printing Co. (Roy G. Allen)	Newton
Commercial Printing Co., 118 1st Ave. E.	Oskaloosa
Perry, John W., 124 1st Ave. W.	Oskaloosa
Commercial Printing Co., 226 E. 2d	Ottumwa
Ottumwa Blank Book Co., 107 W. 2d St.	Ottumwa
Ottumwa Printing Co., 101 So. Court St.	Ottumwa
Ottumwa Stamp Works, 217 E. Main	Ottumwa
Print Shop, 108 E. 3d St.	Ottumwa
Red Oak Printing Co.	Red Oak
Randall, Charles M.	Rockwell City
Benford, Charles H.	Shenandoah
Adair-Olson Printing Co., 512 6th	Sioux City
Commercial Printing Co., 617 Nebraska	Sioux City
Craftsman Printing Co.	Sioux City
Damy-Hamel Co., 408-410 Douglas St.	Sioux City
Deitch & Lamar Co., 418 Nebraska	Sioux City
Hollar, F. P. & Son, 410 Douglas	Sioux City
Hoyt & Akers	Sioux City
Iowa Printing Co., 209 Mass Bldg.	Sioux City
Lawrence & Michelstetter, Commerce Bldg.	Sioux City
Standard Printing Co., 409 4th St.	Sioux City
Verstegen Printing Co., Plymouth Bldg.	Sioux City
Wetmore & Fletcher, 420 Pierce	Sioux City
Randall-McKee & Co.	Spencer
McCleery, Hugh H.	Washington
Allen Printing Co., 128½ E. 4th	Waterloo
Clyde, John J. & Co., Federal Bldg.	Waterloo
Gross-Allbee Print Shop, 220 West 5th	Waterloo
Howell, W. B. & Co., 708 Sycamore	Waterloo
Republican Printing Co. (Headquarters at Marengo, Iowa)	Williamsburg
Crescent Calendar Co.	Wyoming

Firms by Industrial Classification. Location

PRINTING, SUB-CLASSIFICATIONS

Binding

Boone Blank Book Co., 528 Story ..... Boone
Acres, Blackmar & Co., 312-314 N. Main ..... Burlington
Clinton Book Bindery, 100 No. 2d St. ..... Clinton
Monarch Printing Co., 4th & Broadway ..... Council Bluffs
Ely, H., 1306 Brown St. ..... Davenport
McArthur Loose Leaf Book Concern, 315½ W. 4th.. Davenport
Central Bindery, 511 Mulberry St. ..... Des Moines
Des Moines Book Bindery, 1326 W. 6th ..... Des Moines
Hawkeye Bindery Co., over 215 4th St. ..... Des Moines
Homestead Company, 19th & Grand ..... Des Moines
Jamieson, J. M., Bindery, 134 E. Locust ..... Des Moines
Le Febure Index Co., 301 4th ..... Des Moines
Page, Samuel D. & Co., 1017 Walnut St. ..... Des Moines
Welch, J. H. Printing Co., Inc., 1313 Locust .... Des Moines
Mathis-Metz Co., 6th & Locust ..... Dubuque
Benson & From ..... Iowa City
Leake Printing Co., 801-803 Main ..... Keokuk
Lutz & Stahl, 111 No. 5th ..... Keokuk
Le Mars Printing Co., 115-117 So. Michigan ..... Mason City
Ottumwa Blank Book Co., 107 W. 2d St. ..... Ottumwa
Perkins Bros. Co., 413-415 Douglas ..... Sioux City
Randall-McKee & Co. ..... Spencer
Howell, W. B. & Co., 708 Sycamore ..... Waterloo

Composition Work

Boone Linotype Composing Co., 812 Keeler St... Boone
Linotype Composition Co. ..... Davenport
Globe Publishing Co., 108 7th St. ..... Des Moines
Gustaffson, O. R., Linotype Co. ..... Des Moines
Jacobsen Linotype Co., 412 Court Ave. ..... Des Moines
Phillips, M. O., Linotype Co., 2d & Center ..... Des Moines
Success Linotype Composition Co., 3d & Chestnut.. Des Moines
Palmer Typesetting Co., W. N. U. Bldg. ..... Sioux City

Engraving

Commercial Art Engravers, 526 Second Ave. .... Cedar Rapids
Dow, J. W. & Son, 411 Perry St. ..... Davenport
Central Engraving Co., 704½ Walnut ..... Des Moines
Des Moines Engraving Co., 1912 W. Grand ..... Des Moines
Homestead Company, 19th & Grand ..... Des Moines
Moon, D. E., Printing & Engraving Co., 702 Mulberry St. ..... Des Moines
Register-Tribune Co., 715 Locust ..... Des Moines
Bierman Engraving Co., W. N. U. Bldg. ..... Sioux City
Perkins Bros. Co., 413-415 Douglas ..... Sioux City
Waterloo Engraving & Service Co., 219-221 W. 5th. Waterloo

Lithographing

Tri-City Lithographing Co., 617 Marquette St. .... Davenport
American Lithographing & Printing Co., 414 4th.. Des Moines
Iowa Lithographing Co., 707 Locust ..... Des Moines
Le Mars Printing Co., 115-17 S. Michigan ..... Mason City

Stereotyping, Electrotyping
(Including auxiliary printing; newspaper insides, printing plate, etc.)

Press & Plate Co., The ..... Davenport
Capitol City Printing Plate Co., 11th & Walnut.. Des Moines
Western Newspaper Union, 108 7th St. ..... Des Moines
Western Newspaper Union, 500 Virginia ..... Sioux City
Waterloo Engraving & Service Co., 219-221 W. 5th. Waterloo

Firms by Industrial Classification. Location

PUMP JACKS, JACK-SCREWS

Waterloo Gasoline Engine Co., Mills & Commercial Sts. ..... Waterloo
Lewis, N. R. (Mfrs. ratchet jack screws) ..... Montezuma

PUMPS, WINDWILLS, ETC.

Cedar Rapids Pump Co., G Ave. & C. N. W. Tracks ..... Cedar Rapids
Chandler Pump Co., 1st Ave. & N. 8th St. ..... Cedar Rapids
Iowa Windmill & Pump Co., 42 7th Ave. W. .... Cedar Rapids
Tokheim Mfg. Co., 815 N. 1st St. W. ..... Cedar Rapids
Vac Liquid Equipment Co. ..... Cedar Rapids
Red Jacket Mfg. Co., 3d & Farnam Sts. ..... Davenport
Beckman Bros., 5th & Raccoon ..... Des Moines
Dempster Mfg. Co., W. 8th & Morgan ..... Des Moines
McDonald, A. Y. Mfg. Co., 12th & Pine ..... Dubuque
Smedley Co., The, 499 Garfield ..... Dubuque
Hawkeye Pump Co. ..... Fairfield
Kerrihard Co., The, 401 W. Coolbaugh ..... Red Oak
Armstrong Mfg. Co. ..... Waterloo

PUNCHES, DIES, ETC.

Rabus & Toeller, 119 So. 1st St. W. ..... Cedar Rapids
East Davenport Machine Shop, 408-410 Mound.... Davenport
Emeis Mfg. Co., 217 Iowa St. ..... Davenport
New Monarch Machine & Stamping Co., 406 S. W. 9th St. ..... Des Moines

RAILWAY FROGS AND COUPLERS

Hall Air Lock & Railway Supply Co. ..... Oakville

REGISTERS (Hot Air)

(Also in Foundry and Machine Products; Stoves and Furnaces)

United States Register Co. ..... Des Moines
Waterloo Register Co., 112 Rath St. ..... Waterloo

REMEDIES, STOCK AND POULTRY including Stock Food, etc.

Independent Hog Remedy Co., Alton ..... Hog tonic
Walnut Grove Hog Remedy Co., Anita ..... Stock food, hog remedy
Dairy Stock Remedy Co., Atlantic ..... Stock remedies
Dr. T. E. Anderson, Bedford ..... Poultry remedy
Western Stock Remedy Co., Burlington ..... Horse, hog, cattle and sheep remedies
Butler, E. J., Co., Cedar Rapids ..... Hog and poultry feed
Cedar Rapids Hog Remedy Co., 113 F Ave. W., Cedar Rapids ..... Hog remedies
Dobry, John, Mfg. Co., 535 H Ave. W., Cedar Rapids ..... Stock remedies, hog conditioner, liniment
Farmers Friend Live Stock Remedy Co., Cedar Rapids ..... Stock remedies
Cnerokee Stock Remedy Co., Cherokee ..... Stock remedies
Union Stock Powder Co., Clearfield ..... Stock food
Champion Feed Milling Co., Clinton ..... Molasses feed for cattle and hogs
Burton's, Dr., Remedy Co., 520 Ave. C, Council Bluffs ..... Stock remedies
Council Bluffs Remedy Co., 1802 W. Broadway, Council Bluffs ..... Stock remedies

Firms by Industrial Classification. Location

Remedies, Stock and Poultry—Continued.

Fidelity Remedy Co., 100 So. 17th St., Council Bluffs ..... Stock remedies
National Live Stock Remedy Co., Council Bluffs.. Stock remedies
National Stock Powder Co., 2824 West Broadway, Council Bluffs ..... Stock powders
Peet Stock Remedy Co., Council Bluffs ..... Stock remedies
Salutary Drug Co., Council Bluffs ..... Stock remedies
Great Western Remedy Co., 308 E. 2d St., Davenport ..... Stock conditioners, disinfectants, soaps
Cutler, C. F., Deep River ..... Poultry and stock remedies
Hammer Remedy Co., 1145 6th Ave., Des Moines. Poultry remedies
Standard Stock Powder Co., 205 E. Locust, Des Moines ..... Stock remedies
Pope, H. L., De Witt ..... Stock food
Ida Grove Stock Remedies Co., Ida Grove ..... Stock remedies
Shrader Drug Co., 529 So. Gilbert, Iowa City.... Stock food and remedies
Iowa Stock Remedy Co., Jefferson ..... Stock remedies
K. K. K. Medicine Co., 201 Main, Keokuk ..... Stock powder, medicines
Wight, Co., The, Lamoni ..... Poultry remedies
Stockman's Supply Co., Marion ..... Stock food
Green Dragon Co., Moulton ..... Stock tonics
Farmers & Merchants Supply Co., Mt. Pleasant.. Stock remedies
Gibford Chemical Co., Newton ..... Stock remedies
The Hog Reliance Co., Olin ..... Hog remedies of all kinds
Osceola Live Stock Powder Co., Osceola ..... Stock powder
Red Oak Stock Powder Co., 501 Reed St., Red Oak ..... Stock powders
Joselyn, Edward S. Rockwell City ..... Hog powder
Liberty Chemical Co., Sac City ..... Stock remedies
American Live Stock Powder Co., Shenandoah .... Stock powder
Economy Hog & Cattle Powder Co., Shenandoah.. Hog and cattle powder
Farmers Stock Powder Co., Shenandoah ..... Hog and cattle powder
Imperial Chemical Co., Shenandoah ..... Sheep dip, stock dip
Progressive Remedy Co., Shenandoah ..... Stock remedies, powder
Cre-O-Lone Mfg. Co., 509 Pearl St., Sioux City.... Stock remedies
Guarantee Veterinary Co., Sioux City ..... Stock remedies, serum
Sioux City Seed Co., 21st & Clarke, Sioux City.... Chick foods
Twentieth Century Mfg. Co., Sumner ..... Poultry tonic, fly oil
Wonder Chemical Co., Sumner ..... Poultry tonic, worm medicine, insecticide
Iowa Pride Stock Food Co. (J. E. Kunath, G. B. Kerr & Co.), Washington..... Stock food
Kolossick Bros., Washington ..... Stock and poultry remedies
Walker Remedy Co., 328 W. Park Ave., Waterloo.. Poultry remedies

RENDERING, FERTILIZER, TANKAGE

Davenport Slaughtering & Rendering Co. ..... Davenport
Clinton Rendering Works ..... Clinton
La Forge, John T. & Sons, 1000 S. E. 21st ..... Des Moines
Frith's Rendering Works ..... Dubuque
Jefferson Produce Co. ..... Jefferson
Hawkeye Rendering Co. ..... Marengo
Mason City Oil & Grease Co. (grease) ..... Mason City
Oxford Junction Rendering Co. ..... Oxford Junction
Iowa Rendering Co. ..... Sioux City
Weber, John A. ..... Stacyville
Washta Rendering Works ..... Washta
Coles Rendering Works, 2028 Lafayette ..... Waterloo

Firms by Industrial Classification. Location

RIVETING MACHINES
Hardsocg Wonder Drill Co. .....Ottumwa

ROAD MACHINES
Gunn Road Machine Mfg. Co. .....Rockwell City

ROOFING MATERIALS
Strayer, L. V. (steel roofing) .....Cresco
Davenport Roofing Co., 321 Rock Island .....Davenport
Steel Roofing & Stamping Works, 500 S. W. 2d....Des Moines

RUBBER STAMPS, SEALS, ETC.
Burlington Rubber Stamp Co., 116 Jefferson St. ..Burlington
Hetherington Letter Co. .....Cedar Rapids
Star Printing Co., 125 3d Ave. .....Cedar Rapids
Tefft, Herbert J., 302½ Brady St. .....Davenport
Des Moines Rubber Stamp Works, 206 5th St...Des Moines
Holley, L. W. & Son, E. 1st & Grand Ave. .....Des Moines
Iowa City Rubber Stamp Works, 126 So. Clinton St. .....Iowa City
Ottumwa Stamp Works, 217 E. Main .....Ottumwa
Hollar, F. P. & Son, 410 Douglas .....Sioux City
Furry, Corbin Co. .....Waterloo

SADDLERY AND HARNESS, listed under Leather Goods.

SCALES
Cedar Falls Scale Mfg. Co. .....Cedar Falls
Kimball Bros. Co., 9th Ave., N. W. Corner 11th Ave. .....Council Bluffs
Zimmerman Steel Co. (wagon scales) .....Bettendorf

SEED CORN GRADERS, SORTERS, TESTERS, ETC. (See Corn Graders, Sorters, Testers.)

SEEDS
Denison Seed Co. .....Denison
Northwestern Seed Co. .....Denison
Iowa Seed Co. .....Des Moines
Ruddy, Patrick Seed Co. .....Ft. Madison
Webster Seed Co. .....Independence
Field, Henry, Seed Co. .....Shenandoah

SELF-FEEDERS
Wood Bros. Thresher Co., E. 20th & Washington Sts. .....Des Moines
The Maytag Co. .....Newton
Garden City Feeder Co. .....Pella

SERUM, HOG CHOLERA
Cedar Rapids Serum Co., 123 23d Ave. W. .....Cedar Rapids
Capitol Serum Co., 1635 Maury .....Des Moines
Ft. Dodge Serum Co. .....Ft. Dodge
Continental Serum Laboratories .....Muscatine
Ottumwa Serum Co., Iowa Ave. & Hayne .....Ottumwa
American Serum Co., 510 Water St. .....Sioux City
Guarantee Veterinary Co. .....Sioux City
Purity Biological Laboratories .....Sioux City
Sioux City Serum Co., 221 Exchange .....Sioux City

SHAFTING, SHAFTING HANGERS, ETC. under Power Transmission Machinery, Pulleys, Couplings, etc.

SHARPENING MACHINES
Hardsocg Wonder Drill Co. .....Ottumwa

Firms by Industrial Classification. Location

SHEARS (Power)

Cedar Rapids Foundry & Machine Co., 720 1st Ave. W. ..... Cedar Rapids
Marshalltown Mfg. Co. ..... Marshalltown

SHINGLE MILLS, SHINGLE MACHINES

United Mfg. Co. ..... Belmond

SIGNS AND ADVERTISING NOVELTIES
(Including Calendars, etc.)

Lutz, Conrad & Son, 133 So. 3d, Burlington .... Calendars
Souvenier Lead Pencil Co., 202-204 F Ave., West, Cedar Rapids ..... Souvenir lead pencils and advertising novelties
Clinton Sign Co., 134 5th Ave., Clinton ..... Electric and other signs
Cy-Ko Sign Co., 540 West Broadway, Council Bluffs ..... Signs
Cusack, Thos. Co., 125½ E. 3d St., Davenport.... Signs and advertising
Winters, H. E., Specialty Co., Davenport ..... Interchangeable signs
Bankers & Merchants Calendar Corp., 514 8th St., Des Moines ..... Calendars, printing
Erickson, C. E. & Co., West 3d & Grand, Des Moines ..... Advertising specialties
Kenyon Co., The, 305 Grand Ave., Des Moines.... Calendars, printing, etc.
Stoner-McCray System, 810 Walnut, Des Moines.. Electric signs, board signs, etc.
Watkins Sign System, 636 Main St., Dubuque .... Sign painters
Unique Novelty Co., Independence ..... Novelties
Athens Print Shop, Iowa City ..... Calendars, printing
Economy Advertising Co., 224 E. Washington St., Iowa City ..... Calendars, printing
Iowa Printing Co., Iowa City ..... Calendars, printing
Marion Novelty Co., Marion ..... Novelty goods
Advertising Novelty Mfg. Co., Newton ..... Advertising novelties
Newton Manufacturing Co., Newton ..... Metal advertising novelties
Ottumwa Stamp Works, 217 E. Main, Ottumwa .. Calendars
Murphy, Thomas D., Co., 110 So. 2d St., Red Oak.. Art calendars, fans and blotters for advertising
Ashley, C. W., 324 4th St., Sioux City ..... Signs
Crane Sign Co., 410 4th, Sioux City ..... Signs
McCleery, Hugh H., Washington ..... Calendars
Crescent Calendar Co., Wyoming ..... Calendars, printing

SILOS AND PARTS

Venier Mfg. Co., 900 3d Ave. W. ..... Cedar Rapids
Valley Mfg. Co., P. O. Box 497 ..... Clinton
Central Unadillo Silo Co., 616 S. W. 9th ..... Des Moines
Des Moines Silo & Mfg. Co. ..... Des Moines
Economy Steel and Products Co., 4th & New York. Des Moines
Endlock Mfg. Co., Delaware & Mattern ..... Des Moines
Indiana Silo Co., 110 S. E. 7th St. ..... Des Moines
New Monarch Machine & Stamping Co. & Silo Equipment, 406 S. W. 9th ..... Des Moines
Cement Stave Silo Co. ..... Jefferson
Madrid Cement Silo Mfg. Co. ..... Madrid
Delaware County Cement Stave Silo Co. ..... Manchester
Dixon Bros. ..... Marion
Playford Cement Stave Silo Co. ..... Marshalltown
Turner, J. F., Silo Co. ..... Maxwell
Hurst Silo Co. ..... Mt. Pleasant
Caldwell Silo Co., So. 7th St. ..... Oskaloosa

Firms by Industrial Classification. Location

Silos and Parts—Continued.

Carlon Construction Co., 9th Ave. & 7th .....Oskaloosa
Cement Blocks & Silo Co. .....Sac City
United States Keystone Silo Co. .....Sheffield
Storm Lake Tank & Silo Co. .....Storm Lake
Waterloo Playford Silo Co. .....Waterloo

Factories making Cement Silo Staves and Silo Blocks besides other cement, brick, block and tile products.

Anamosa Cement Products Co. .....Anamosa
Stutz Bros. Concrete Works .....Aurelia
Hester, C. B. .....Chariton
Kearns, C. H. .....Fairfield
Kenny & Son .....Hawarden
Page, E. L. & Co. .....Kingsley
Knox Clay Products Co. (Clay blocks) .....Knoxville
Pringle, E. C., Hawkeye Mills .....Knoxville
Nevada Cement Post Factory .....Nevada
Steigleder, S. F. & Son .....Packwood
Stearns, R. E. .....Pierson
Waverly Cement Tile Co. .....Waverly
Cement Products Co., Inc. .....West Liberty

SLAUGHTERING AND MEAT PACKING

Beef, pork, sausage, meat products.

Albia Packing Co. .....Albia
Sinclair, T. M. & Co., 3d St. & 16th Ave. .....Cedar Rapids
Davenport Slaughtering & Rendering Co., 1505 Rockingham Road .....Davenport
Kohrs Packing Co., 1327-49 West 2d St. .....Davenport
Casson Sausage & Meat Co., 214 E. Walnut .....Des Moines
Iowa Packing Co., E. 18th & Maury .....Des Moines
Belsky & Co., 16th & Sycamore .....Dubuque
Corn Belt Packing Co. .....Dubuque
Dubuque Packing Co., 16th & Cedar .....Dubuque
Rath, Geo. C. & Sons, 385 12th St. .....Dubuque
Strobel, J. H. & Sons Packing Co., 465 Clay St...Dubuque
Trenkle, Henry, 1225 Clay St. .....Dubuque
Wimmer, Wm., Sausage Shop, 1533 Clay .....Dubuque
Ft. Dodge Packing Co. .....Ft. Dodge
Roberts & Oake Packing Co. .....Marshalltown
Decker, Jacob E. & Sons .....Mason City
Morrell, John & Co., Iowa Ave. & Hayne .....Ottumwa
Hausserman Packing Co. .....Perry
Armour & Company .....Sioux City
Cudahy Packing Co. .....Sioux City
Midland Packing Co. .....Sioux City
Sacks Packing Co., Prospect & Dodge .....Sioux City
Swift & Company, 613 South Chambers .....Sioux City
Rath Packing Co., Sycamore & Elm .....Waterloo

SOAP AND WASHING COMPOUNDS

Iowa Soap Co., 810 Valley St. .....Burlington
Shaver-Blake Co. .....Cedar Rapids
Clayloid Company .....Clermont
Great Western Remedy Co., 308 E. 2d St. .....Davenport
H. & H. Cleaner Co., 115 Court Ave. .....Des Moines
Marvo Products Co., E. 1st & Walnut .....Des Moines
Prouty-Bowler Soap Co., S. E. 3d & Market .....Des Moines
Sanitary Products Co., 632 E. Grand Ave. .....Des Moines
Beach, Jas. & Sons .....Dubuque

Firms by Industrial Classification. Location

Soap and Washing Compounds—Continued.

Midland Chemical Co., 170 Jones ..... Dubuque
Excello Company, 208 So. Jefferson ..... Ottumwa
Haskins Bros. & Co. ..... Sioux City

SOLDER (Cold)
Hercules Products Co. ..... Council Bluffs

SORGHUM
Brighton Steam Sorghum Factory ..... Brighton
Becker, G. E., 2½ miles West ..... Janesville
Field, Henry, Seed Co. (Sorghum Factory) ..... Shenandoah

SPADING MACHINES
Big Farmer Corporation ..... Ft. Madison

SPECIALTIES (Hardware Specialties under Hardware; Adv. Specialties under Signs and Adv.)
Davenport Mfg. Co. ..... Davenport
Jansen Machine Co., 721 21st ..... Des Moines
Erickson, C. E. & Co., West 3d & Grand ..... Des Moines
Cooper Mfg. Co., Inc., 411 So. 1st ..... Marshalltown
Fisher Governor Co., 201-203 So. 1st Ave. ..... Marshalltown
Dunham, C. A. & Co., 810 E. Main St. ..... Marshalltown
Weis-Healy, Hershey Building ..... Muscatine
Novelty Mfg. Co., 416 Water St. ..... Sioux City

SPEED GOVERNORS, (See Governors)

STAMP VENDING MACHINES
Davenport Mfg. Co. ..... Davenport

STARCH
Penick & Ford (Successors to Douglas Co.) ..... Cedar Rapids
Hubinger, J. C. Bros. Co. ..... Keokuk

STEEL STAMPS AND LETTERS
Young, L. G. ..... Muscatine

STEREOTYPING (Printers Plates) See list on page 244.

STOCK & POULTRY REMEDIES AND FOOD
(See Remedies, Stock and Poultry.)

STOCK FEEDING DEVICES
Paulsen & Iwen ..... Denison
Bernard, Phillip Co., 2300 Floyd Ave. ..... Sioux City
McCollough, W. A. & Son, Inc. ..... Webster City
The Monarch Co. ..... Webster City
Nichols, J. C. ..... West Liberty

STOVES AND FURNACES, AND PARTS
Cedar Rapids Foundry & Machine Co., 720 1st Ave. West ..... Cedar Rapids
Chandler Heater Co. ..... Cedar Rapids
Holland Furnace Co. ..... Cedar Rapids
Leonard Hi-Oven Range Co., N. 16th & H Ave... Cedar Rapids
Sprague Foundry, 11th & 3d Ave. ..... Council Bluffs
Campbell Heating Co., 200-212 12th St. ..... Des Moines
Des Moines Stove Repair Co., 107 S. W. 2d ..... Des Moines
Green Foundry & Furnace Works, S. W. 3d & Elm. Des Moines

Firms by Industrial Classification.	Location
Stoves and Furnaces—Continued.	
Howard, The Donald B., Heater Co.	Des Moines
Keith Furnace Co., 335 S. W. 11th	Des Moines
Sowers, E. E., 211 E. 2d	Des Moines
Success Heater & Mfg. Co., 1015 Murphy	Des Moines
Rafoth Furnace Co., 1770 Clay St.	Dubuque
Sanders Furnace Co., 16 N. 11th St.	Ft. Dodge
Maresh, William, 521 So. Gilbert	Iowa City
Miller & Sybil	Iowa City
Moravec, V. J.	Iowa City
Schuppert & Koudelka	Iowa City
Seither & Cherry Co., 25 So. 5th	Keokuk
Imperial Furnace Co.	Marshalltown
Lennox Furnace Co., 200 Lincoln Highway	Marshalltown
Marshalltown Mfg. Co., 110-12 So. 8th	Marshalltown
Gardner Furnace Co., 214 N. Main	Mason City
Peters Pk. Sheet Metal Furnace Co.	Sioux City
Bovee Furnace Works	Waterloo
Goodman, W. A., Furnace Co.	Waterloo
Lichty, B. F. & Sons, 922 Sycamore	Waterloo
Waterloo Register Co., 112 Rath St.	Waterloo
Zeising, H. F., 100 Rath St.	Waterloo
STUMP PULLERS	
Zimmerman Steel Co.	Bettendorf
La Plant Choate Mfg. Co., 604 Eastlack St.	Cedar Rapids
Hercules Mfg. Co.	Centerville
Faultless Stump Puller Co.	Cresco
Swenson Grubber Co.	Cresco
SUGAR, Sugar Refining	
Clinton Corn Syrup Refining Co.	Clinton
Hubinger, J. C. Bros. Co.	Keokuk
Marshalltown Syrup & Sugar Co.	Marshalltown
Northern Sugar Corporation	Mason City
Iowa Sugar Co.	Waverly
SYRUP (Corn syrup, sugar syrup, fountain syrups, etc.)	
Clinton Corn Syrup Refining Co.	Clinton
Penick & Ford (Successors to Douglas Co.)	Cedar Rapids
Hubinger, J. C. Bros. Co.	Keokuk
Marshalltown Syrup & Sugar Co.	Marshalltown
Lamoni Extract & Mfg. Co., 507 W. 3d	Des Moines
Besto Syrup Co., 306 S. W. 9th St.	Des Moines
SURGICAL DRESSINGS	
Marshalltown Laboratories	Marshalltown
SWEEPING COMPOUND	
Kontinental Kompound Co. (Ltd.), 1102 So. Main	Council Bluffs
Wilson Chemical Co., 1216-1222 So. 6th	Council Bluffs
Reinig, P. A., Mfg. Co., 27 So. 5th St.	Keokuk
Mason City Oil & Grease Co., 202 So. Monroe	Mason City
Hoag Duster Co.	Monticello
Sears Bottling Works	Onawa
SWINGS, LAWN AND PORCH, AND PLAY-GROUND APPARATUS	
Giant Mfg. Co., 234 So. Main St.	Council Bluffs
National Swing Company	Independence
Hawkeye Mfg. Co., 902 Sycamore	Waterloo

Firms by Industrial Classification. Location

TANKAGE (See Rendering.)

TANKS, all Kinds of Wood, Steel or Cement.

Murray Iron Works, Washington & Central ....Burlington
Iowa Windmill & Pump Co., 42 7th Ave. W. .....Cedar Rapids
Tokheim Mfg. Co., 815 N. 1st St. W. .....Cedar Rapids
Vac Liquid Equipment Co., 1125 C Ave. W. .....Cedar Rapids
Venier Mfg. Co., 900 3d Ave. W. .....Cedar Rapids
Burnham Mfg. Co. .....Charles City
The Cullen Co., 8th Ave. & 1st .....Clinton
Root, A. I. Co. of Iowa .....Council Bluffs
Cresco Novelty Works .....Cresco
Creston Planing Mill .....Creston
Dempster Mfg. Co., W. 8th & Morgan .....Des Moines
Des Moines Steel Tank Co., E. 19th & Court ....Des Moines
Furlong Boiler & Iron Works, 400 E. Court .....Des Moines
Iowa Boiler Works, E. 3d & Court .....Des Moines
Dubuque Boat & Boiler Works, 550 3d St. .....Dubuque
Marshall, Wm., Steam Boiler Works, 10th & Washington .....Dubuque
Morrison Bros., 2489 Elm .....Dubuque
Hawkeye Pump Co. .....Fairfield
Nelson, L. J. .....Fairfield
Iowa Sheet Metal Products Co. .....Muscatine
The Muller Co. .....Osage
Hoffman, Fred G. .....Osceola
Caldwell Silo Co., So. 7th St. .....Oskaloosa
Ottumwa Boiler Works .....Ottumwa
Pella Tank & Pipe Co. .....Pella
Swanson, Herman .....Schaller
Warnock, Wm. Co., Steel Tank Factory .....Sioux City
Storm Lake Tank & Silo Co. .....Storm Lake
Moore Mfg. Co. .....Waterloo
Waterloo Steam Boiler Works .....Waterloo

TILE SPADES (See Cutlery and Tools.)

TOBACCO, CIGARS AND SMOKING

Porter Bros. .....Albia
Senate Chamber Cigar Co. (Geo. Tucker) .....Albia
Tobey & Beckett .....Albia
Guderian & Beiser .....Algona
Gillett, Henry C. .....Atlantic
Willman, L. D. .....Bedford
Hawkeye Cigar Co. .....Bloomfield
Carlson & Williams Co. .....Burlington
Dehner, Andy, Cigar Co., 201 Jefferson .....Burlington
Grothe, Frederick W., 1606 Division St. .....Burlington
Guenther, Peter G., 615 Jefferson .....Burlington
Haller, Frank, 1701 Osborn .....Burlington
Heck, Wm. J., 215 So. Main .....Burlington
Sorenson, P. A. .....Burlington
Stine & Cousineau, 115 Jefferson .....Burlington
Wrage, Henry, 311 So. Main .....Burlington
Young, John F., 1301 No. 8th .....Burlington
Roberts, James .....Buxton
Carroll Cigar Factory .....Carroll
Drevikovsky, Joseph, 1620 M Ave. W. .....Cedar Rapids
Great Central Tobacco Works .....Cedar Rapids
Hayek, Joseph, 408 6th Ave. West .....Cedar Rapids
Little Franklin Cigar Co., 118 N. 1st W. .....Cedar Rapids
Prucha, Alois F., 1548 Mt. Vernon Ave. .....Cedar Rapids

Firms by Industrial Classification.	Location
Tobacco, Cigars and Smoking—Continued.	
S. R. Cigar Co., 62 16th Ave. W.	Cedar Rapids
Henderson, H. L.	Centerville
Grabow, John	Charter Oak
Heflin, Chas.	Clarinda
Comstock, C. F.	Clear Lake
Thayer, Marion L.	Clear Lake
Calnan, Thomas H., 914 4th St.	Clinton
Cawley, Charles W., 207 Main (L)	Clinton
Overkamp, Theodore, 112 N. 4th (L)	Clinton
Raun, Jens A., 905 No. 2d	Clinton
Schroeder, T. W. & Son, 509 4th Ave.	Clinton
Jensen Cigar Co., 417 W. Broadway	Council Bluffs
Jensen, Peter, 16 So. Main St.	Council Bluffs
Levin, Frank R.	Council Bluffs
Davenport, E. L.	Cresco
Loughlin, Robert	Creston
Niemeyer, C. A.	Creston
Boettger, Edward, 1408 12th St.	Davenport
Haak, Ferd Co., 319 Western Ave.	Davenport
Hanssen, C. F., 822 West 3d St.	Davenport
Harkert Cigar Co., 1302 West 4th St.	Davenport
Jacobsen, Peter N., Jr., 332 Harrison St.	Davenport
Junge & Oden, 703 West 3d St.	Davenport
Raphael, M. Sons Co., 600 Harrison	Davenport
Wollenberg, Carl L., 412 Western Ave.	Davenport
Cigar Factory, Frank Heling, Prop.	Decorah
Hanss, Frank	Denison
Otto, C., Jr.	Denison
Black Label Cigar Co., Factory, 423 E. 6th St. (upstairs)	Des Moines
Cohen, J. R. & Sons, 310 E. 5th St.	Des Moines
Gabrio, W. F., Cigar Co., 8th & Locust	Des Moines
Highland Cigar Co., 815 Douglas Ave.	Des Moines
Jackson, C. B., Cigar Co., 1345 E. Walnut	Des Moines
Kennelley, Wm. A., Cigar Co., 1905 Cottage Grove	Des Moines
Larson, Andrew, 424 E. Walnut	Des Moines
North Des Moines Cigar Co., 316 Euclid	Des Moines
Reese, Simon, 606 West 2d	Des Moines
Bradley Bros., 717 Iowa St.	Dubuque
Heller, R. H., 1618 Clay	Dubuque
Holz, Frank, 1849 Couler Ave.	Dubuque
Kistler, Max, 1468 Clay	Dubuque
Michel, Joseph, 721 Clay St.	Dubuque
Myers-Cox Co., 409 Iowa	Dubuque
Olinger, John, 857 19th St.	Dubuque
Hogett, Richard	Estherville
Angstead, Wm. H.	Fairfield
Bevering, Wm. F.	Fairfield
Long, C. F.	Fairfield
Raible, Fred M.	Fairfield
Crayton, Rabb	Farmington
Murphy, Neal Cigar Factory, 30 Arthur Block	Ft. Dodge
Hutton, Wm. M., 617 2d	Ft. Madison
Houk & Mallon	Guthrie Center
McLaughlin Cigar Co.	Guthrie Center
Meyer, Adolph & Bros.	Guttenberg
Kratochvil, Frank	Hampton
Brechwald Bros. Co., Inc.	Ida Grove
Hansch, August	Indianola

Firms by Industrial Classification. Location

Tobacco, Cigars and Smoking—Continued.

Konvalinka, John, 332½ Davenport St. .....Iowa City
Brock, Harry S. .....Jefferson
Ewers, Clem W., 1120 Main .....Keokuk
Hiller, John J., 1611 High St. .....Keokuk
Hines, F. J., 724 Main .....Keokuk
Moeller, Joseph, 622 Main St. .....Keokuk
Pfaffe, Carl O., 11 So. 9th St. .....Keokuk
Pflug, Ernest J., 1022 Main St. .....Keokuk
Seibert Cigar Co., 400 Main St. .....Keokuk
Sheahan, John, 324 Main St. .....Keokuk
Stadler, John G., 822 Main .....Keokuk
Ward, J. L., Cigar Mfg. Co. .....Keokuk
Sheahan, D. H. .....Knoxville
Lanners, John .....Le Mars
Goen, John J. .....Manchester
Reisner & Co. .....Manchester
Moerke, Paul .....Manning
Popelar, John R. .....Maquoketa
Lacalli, Peter .....Marengo
Zimmerman, Jacob .....Marengo
Shorman, Geo. .....Marion
Le Shalle Cigar Co. .....Marshalltown
Greer, John M., 105 2d St., S. W. .....Mason City
Stary, Lewis .....Monticello
Schulz, August C. .....Moulton
Grau, Gustav .....Mt. Pleasant
Schliep, Frank .....Mt. Pleasant
Waibel, Chas. .....Mt. Pleasant
Baluff, Chas., 211 E. 5th St. .....Muscatine
Eichenaure, George, 211 E. 2d .....Muscatine
Gottbrecht, Frank G., 224 Walnut St. .....Muscatine
Gremmel, Herman E., 112 West 2d .....Muscatine
Lohr, Wm. P., 209 West 7th St. .....Muscatine
Mucha, John O., 1112 Iowa Ave. .....Muscatine
Schrautemyer, Henry, 1179 Fulliam .....Muscatine
Goss, J. J. .....New Hampton
O'Leary Cigar Co. .....Newton
Dirtz & Harlis .....Osage
Palmer, Ernest W. .....Osage
Nowels, F. E., Cigar Co., 201-203 High Ave. W...Oskaloosa
Bohe, J. F. .....Ottumwa
Fecht, Julius, corner Main & Marion .....Ottumwa
Graves, Willis A. .....Ottumwa
McKee-Marks Cigar Co., Inc., 119-123 West 2d..Ottumwa
Pallister Bros., 114 N. Market .....Ottumwa
Potter, Geo. & Bros. .....Ottumwa
Union Cigar Co., 220 E. Main .....Ottumwa
Utecht, W. E., 301 W. Main .....Ottumwa
Washtella Cigar Co. .....Pella
Bement, Titus, 208 Coolbaugh .....Red Oak
Madden, Thomas E., 308 Coolbaugh .....Red Oak
Shinley, Wm., Houghton Building .....Red Oak
House, Adolph H. .....Sheldon
Hindman Bros. .....Shenandoah
McGlone Bros. .....Shenandoah
Carlstrom, Swan, 1114 6th .....Sioux City
H. & S. Cigar Co., 1106 4th St. .....Sioux City
Heydon, Fayette W., 402 W. 1st St. .....Sioux City
Kellogg, A. J., over 310 5th .....Sioux City

Firms by Industrial Classification. Location

Tobacco, Cigars and Smoking—Continued.

Metz, Martin W., 1627 W. Highland Ave. .....Sioux City
Striegel, Charles W., 322 4th St. .....Sioux City
Zenor, H. T. .....Stuart
Glas, Carl J. .....Valley Junction
Benfer, Leslie H. .....Vinton
Cedar Valley Cigar Co., 101-105½ E. 5th .....Waterloo
Koebele, P. A. Co., 121 E. 5th .....Waterloo
McDermott, M. T. .....Waterloo
Hartley, Thomas .....Waukon
Reinstein, Joseph .....West Point
Edmund, Joseph .....West Union
Jacobson, Claus H. .....Wilton

TOYS

New Era Toy Co., E. 12th & Fremont .....Des Moines
Flying Horse Company .....Independence
Jeffers, E. M., Toy Mfr. .....Webster City

TRACTORS, TRACTION ENGINES

Heider Mfg. Co. .....Carroll
General Ordnance Co., 8th Ave. E. Walnut .....Cedar Rapids
Hart-Parr Co. .....Charles City
Porter Tractor Co. .....Colfax
Wood Bros. Thresher Co., E. 20th & Washington..Des Moines
Leader Tractor Co., E. 18th & Rock Island Tracks.Des Moines
Sella Mfg. Co., 207 E. 2d St. (tractor steering device) .....Des Moines
Dubuque Truck & Tractor Co. .....Dubuque
The Farm Horse Traction Works .....Guttenberg
Nevada Truck & Tractor Co. .....Nevada
A. E. S. Mfg. Co. (steering device for tractors)..Oakville
Dart Truck & Tractor Corporation .....Waterloo
Waterloo Gasoline Engine Co. .....Waterloo

TRACTOR GUIDES AND HITCHES

Cherokee Guide Co. .....Cherokee
Sella Mfg. Co., 207 E. 2d St. .....Des Moines
Dultmeier Mfg. Co. .....Manning
A. E. S. Mfg. Co. .....Oakville

TRAFFIC SIGNALS

National Semaphore Signal Co. .....Cedar Rapids

TRENCH EXCAVATORS

Parsons Mfg. Co. .....Newton
Gade, C. L., Mfg. Co. .....Iowa Falls
Sargent Tile Ditcher Co. .....Ft. Dodge
Economy Excavator Co. .....Iowa Falls

TRIP HAMMERS

United Mfg. Co. .....Belmond

TRUCKS, TRUCK BODIES

(Cf. Carriages, Wagons, etc.)

Beck-Hawkeye Motor Truck Works, 605-610 6th Ave. W. .....Cedar Rapids
Universal Crusher Co., 211 N. 3d St. .....Cedar Rapids
Miller Wagon Co., (truck bodies) .....Calmar
Giant Mfg. Co., 234 So. Main St. (truck bodies and cabs) .....Council Bluffs
Independent Motor Truck Co. .....Davenport

Firms by Industrial Classification. Location

Trucks, Truck Bodies—Continued.

Lagerquist Carriage & Auto Co., 514-522 2d St... Des Moines
Dubuque Truck & Tractor Co., 27th & Railroad Tracks ..... Dubuque
Nic. Goetzinger & Sons Co. (truck bodies) ..... Dyersville
Galva Truck Body Factory ..... Galva
Spaulding Mfg. Co. ..... Grinnell
Marshalltown School Coach & Truck Body Mfg. Co. ..... Marshalltown
Radeleff Mfg. Co. (truck bodies) ..... Manning
Wustrow, August C., 5th & Exchange ..... Keokuk
Mills-Ellsworth Co. ..... Keokuk
Nevada Truck & Tractor Co. ..... Nevada
Iowa Motor Truck Co., Inc., 822 So. Madison .... Ottumwa
Hawkeye Truck Co. ..... Sioux City
Steffen & Van Steenwyk Co. (truck bodies)..... Sioux City
Wilson, Frank T., 613½ Water St. (wagon and truck parts) ..... Sioux City
Corn Belt Truck Co. ..... Vinton

TWINE

Consumers Twine & Machinery Co., E. 7th & Division ..... Sioux City

VACUUM CLEANERS

Thompson Mfg. Co., 310 2d St. ..... Des Moines

VALVES, HYDRANTS, ETC., may be found in Foundry and Machine Products

VENDING MACHINES

Winters, H. E., Specialty Co. ..... Davenport
Davenport Mfg. Co. ..... Davenport

VINEGAR AND PICKLES, CONDIMENTS

Brighton Canning Co. ..... Brighton
Burlington Vinegar & Pickle Works ..... Burlington
Bonneman & Zingleman (Mustard) ..... Clinton
Daveport Vinegar & Pickling Works, Hobson & Rolff Sts. ..... Davenport
Mennig-McCord Co., E. 26th & Dean ..... Des Moines
Jackson Vinegar Co., 54-60 S. Main ..... Dubuque
Farmington Vinegar & Pickling Works ..... Farmington
Burlington Pickle Co., 220 Spruce ..... Ft. Madison
Gladbrook Mustard Factory ..... Gladbrook
Riverside Canning Co. ..... Hamburg
Keokuk Canning Co., 700-730 Johnson ..... Keokuk
National Pickle & Canning Co., 1st & Johnson .. Keokuk
Keosauqua Pickle Co. ..... Keosauqua
Marshall Vinegar Co., So. 4th & Market ..... Marshalltown
Heinz, H. J. & Co., West end Monroe ..... Muscatine
Zeigler Canning & Preserving Co., 1056 Hershey Ave. ..... Muscatine
Soo Mfg. Co., 2018 East 7th ..... Sioux City

VULCANIZING, TIRE HALF-SOLING

Hawkeye Vulcanizing Co. ..... Charles City
Hawkeye Steam Vulcanizing Works, 655 Iowa St.. Dubuque
Shelley Bros. ..... Guthrie Center
Iowa City Supply & Vulcanizing Co., 211 So. Dubuque St. ..... Iowa City
More Mileage Tire Co. ..... Iowa City

Firms by Industrial Classification. Location

Vulcanizing, Etc.—Continued.

Jefferson Vulcanizing Co. .....Jefferson
Guaranty Vulcanizing & Supply Co. .....Lake Mills
Standard Vulcanizing Co. .....Marshalltown
Gruber Armoured Tire Co. .....Monticello
Stewart, A. C. Auto Tire Co., 307 E. 5th .....Waterloo
Tipton Vulcanizing Works .....Tipton
Waterloo Vulcanizing Co., 102 E. 5th St. .....Waterloo

WALL PLASTER, RETARDER, ETC.

King Crown Plaster Co., 98 1st Ave. W. .....Cedar Rapids
American Cement Plaster Co., 903 Central Ave...Ft. Dodge
Cardiff Gypsum Plaster Co., 903 Central Ave. ....Ft. Dodge
Plymouth Gypsum Co., 211 1st Nat'l Bank Bldg...Ft. Dodge
National Retarder Co. .....Webster City

WASHING MACHINES

DuMond Mfg. Co. .....Cedar Falls
Laundry Queen Steam Washer Co. .....Centerville
Burnham Mfg. Co. .....Charles City
Clarinda Lawn Mower Co. .....Clarinda
Brammer, H. F., Mfg. Co., 1441 Rockingham Rd...Davenport
Voss Bros. Mfg. Co., 1553 West 2d St. .....Davenport
White Lily Mfg. Co., 1535 Rockingham Road ....Davenport
Win-Her Washer Co., E. 2d & Vine .....Des Moines
Dexter Company .....Fairfield
Grinnell Washing Machine Co. .....Grinnell
The Maytag Co. .....Newton
Automatic Electric Washer Co., Inc. .....Newton
One Minute Mfg. Co. .....Newton
Woodrow Mfg. Co. .....Newton
Johnson Pressed Gear Co. .....Ottumwa
Globe Mfg. Co. .....Perry

WATER TOWERS

Des Moines Steel Co., 4th & Tuttle .....Des Moines
Pittsburgh-Des Moines Steel Co., 9th & Tuttle....Des Moines

WELDING AND BRAZING

Cedar Rapids Welding & Brazing Co., 207 4th..Cedar Rapids
Standard Welding & Machine Co., 416-18 E. 2d..Des Moines
Bock Bros. Oxacetylene Welding & Boiler Works,
113 So. 12th St. .....Ft. Dodge

WELL DRILLING MACHINERY

Lisle Mfg. Co. .....Clarinda
Armstrong Mfg. Co. .....Waterloo
Ferguson Mfg. Co., 118-120 Rath .....Waterloo

WHEEL PULLERS

American Machine Products Co., 8th Ave. & Main.Marshalltown

WHEELS (Steel or Cast Iron) For Mine Cars, Implements, Trucks, Railroad Cars, etc.

Hercules Mfg. Co. .....Centerville
Judy Mfg. Co. .....Centerville
Griffin Wheel Co. .....Council Bluffs
French & Hecht, 4th & Farnam .....Davenport

WIRE PRODUCTS including wire fence and gates, screen, steel and wire farm gates, etc.

Quinn Wire & Iron Works, 12th & Clinton .....Boone

Firms by Industrial Classification. Location

Wire Products—Continued.

Hawkeye Wire Co. .....Britt
Iowa Gate Co. .....Cedar Falls
Standard Mfg. Co. .....Cedar Falls
Clinton Wire Cloth Co. .....Clinton
The Collis Company .....Clinton
Central Wire & Iron Works, 119-123 E. Walnut..Des Moines
Des Moines Bale Tie Co., 8th & Vine .....Des Moines
United Fence Co. .....Ft. Madison
Powers, John L. .....Indianola
Gade, C. L., Mfg. Co. .....Iowa Falls
American Mfg. Co. (rat traps) .....Jefferson
The National Mfg. Co. .....Manchester
Armstrong, Otto, 315 Lincoln .....Ottumwa
Pioneer Iron Works, Inc., 5th & Water .....Sioux City
Sioux City Wire & Iron Works, 502 7th .....Sioux City
Nelson, N. H. Mfg. Co. .....Spencer
Novelty Wire Works, 402-416 Falls Ave. .....Waterloo

WOOLEN GOODS

The Amana Woolen Mills.....Amana
Sheuerman Bros., 8th & Vine .....Des Moines
Nashua Woolen Mills (custom work) .....Nashua
Twill Mfg. Co. .....Prescott

YEAST

Ideal Yeast Co. .....Cedar Rapids
Fleischmann Malting Co. .....Davenport

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